

SJCSD

2018-2019

HIGH SCHOOL COURSE CATALOG



Allen D. Nease High School
Bartram Trail High School
Creekside High School
Pedro Menendez High School
Ponte Vedra High School
St. Augustine High School
St. Johns Technical High School

MASTER CALENDAR

2018-2019 School Year

Board Approved November 8, 2016

Thursday	August 2, 2018	Optional Teacher Planning Day
Friday	August 3, 2018	Teacher Inservice Day
Monday - Thursday	August 6, 7, 8, 9, 2018	Teacher Pre-Planning
Friday	August 10, 2018	Students Report to Class
Monday	September 3, 2018	Labor Day- Student/Teacher Holiday ✓
Friday	October 12, 2018	First Quarter Ends
Monday	October 15, 2018	Teacher Planning Day-Student Holiday ✓
Monday	November 12, 2018	Veterans Day - Student/Teacher Holiday ✓
Wednesday - Friday	November 21-23, 2018	Thanksgiving Break - Student/Teacher Holiday (21)✓
Friday	December 21, 2018	Second Quarter/First Semester Ends *
Monday - Friday	Dec. 24, 2018-Jan. 3, 2019	Winter Break – Student/Teacher Holiday
Friday	January 4, 2019	Teacher Planning Day-Student Holiday ✓
Monday	January 7, 2019	Classes Resume for Students/Second Semester Begins
Monday	January 21, 2019	Martin Luther King Day - Student/Teacher Holiday ✓
Monday	February 15, 2019	Teacher Inservice Day - Student Holiday ✓
Monday	February 18, 2019	Presidents Day - Student/Teacher Holiday ✓
Monday - Friday	TBA	FSA Writing (Grades 4-10)
Thursday	March 14, 2019	Third Quarter Ends
Friday	March 15, 2019	Teacher Planning Day-Student Holiday
Monday-Friday	March 18-22, 2019	Spring Break - Student/Teacher Holiday
Monday	March 25, 2019	Classes Resume for Students
Monday	TBA	FSA Testing (Reading, Math & Science)
Friday	April 19, 2019	Student/Teacher Holiday
	May 1-24, 2019	EOCs, AP, IB, District Exams
Friday	May 24, 2019	Last Day for Students*Fourth Quarter Ends
Monday	May 27, 2019	Memorial Day – Teacher Holiday
Tuesday	May 28, 2019	Last Day for Teachers - Teacher Planning Day
Wednesday - Friday	May - TBA	Graduations (Schools/Locations TBD)

***ALL Schools** will be dismissed **1 hour** early on Dec 21, 2018 and May 24, 2019

All Schools participate in a weekly early release on Wednesday: Elementary @1:50, Middle @1:00, High @ 2:45

Interims Issued: September 12, 2018	Report Cards: October 24, 2018
Interims Issued: November 16, 2018	Report Cards: January 18, 2019
Interims Issued: February 7, 2019	Report Cards: March 29, 2019
Interims Issued: April 24, 2019	Report Cards: May 24, 2019 - * Elementary only

✓ Denotes hurricane make-up days

Optional planning day may "Flex" for any Planning Day or Post Planning day as pre-approved by Principal

CHARACTER COUNTS! In St. Johns County

Pillars of the Month

August - All Pillars	October - Responsibility	December - All Pillars	February - Caring	April - All Pillars
September - Fairness	November - Citizenship	January - Respect	March - Trustworthiness	May - Citizenship

(Emphasis on Patriotism)

ST. JOHNS COUNTY SCHOOLS
40 Orange Street
St. Augustine, Florida 32084
(904) 547-7500
www.st.johns.k12.fl.us

DISTRICT ADMINISTRATION

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ST. JOHNS COUNTY SCHOOL DISTRICT GUIDING PRINCIPLES



We believe that

- Trustworthiness, respect, responsibility, fairness, caring, and citizenship are essential to the well being of individuals and society.
- All individuals have intrinsic value.
- Every individual can contribute something of worth to society.
- Individuals are responsible and accountable for their choices and decisions.
- In order to grow and thrive, individuals need caring relationships and a nurturing environment.
- Supportive family relationships are the foundation of the community.
- High expectations lead to higher performance which, in turn, empowers the individual and strengthens society.
- Continuous learning is a lifelong process that is essential to a productive and enriched life.

- A safe and orderly environment is conducive to learning.

The St. Johns County School District will inspire good character and a passion for lifelong learning in all students, creating educated and caring contributors to the world.

ST. JOHNS COUNTY SCHOOL DISTRICT HIGH SCHOOL COURSE CATALOG

The catalog is arranged with general information first. After the general information section, there is a complete list of all high school courses followed by a section devoted to the descriptions of each course.



The catalog may also be viewed online on the district web site <http://www.stjohns.k12.fl.us/cs/>
During the academic year, schools, through petition to the Instructional Services Department, may add courses.
Once approved, the courses will be posted on the web version of the catalog.

STUDENT PROGRESSION PLAN

For information on the various school issues listed below follow the link to the **Student Progression Plan**:
<http://www.stjohns.k12.fl.us/cs/spp/>

- Instruction
- Assessment
- Remediation Requirements and Progress Monitoring Plans (PMPs)
- Placements
- Promotion
- Mid-Year Promotion
- Retention
- Acceleration
- Parent, Student and Teacher Notifications
- Reporting
- Home Education Programs
- Elementary School Program
- Middle School Program
- High School Program
- Additional Programs



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SCHOOL INFORMATION
ST. JOHNS COUNTY SCHOOL DISTRICT
ST. AUGUSTINE, FLORIDA
<http://www.stjohns.k12.fl.us>

HIGH SCHOOLS

Allen D. Nease High School
 Bartram Trail High School
 Creekside High School
 Pedro Menendez High School
 Ponte Vedra High School
 St. Augustine High School
 St. Johns Technical High School



ALTERNATIVE HIGH SCHOOL PROGRAMS

Gaines Alternative Center

TECHNICAL COLLEGE

First Coast Technical College

HIGH SCHOOL DESCRIPTIONS

Allen D. Nease High School

<u>Location</u>	<u>Administration</u>
10550 Ray Road	Lisa Kunze, Principal
St. Augustine, Florida 32095	
(904) 547-8300	
Fax (904) 547-8305	

Allen D. Nease High School is one of two home schools for students residing in the northeast section of St. Johns County. Opened in the early 1980's, the school offers a comprehensive high school program. Details about the school can be obtained from the school's web site at <http://www-nhs.stjohns.k12.fl.us>.

Bartram Trail High School

<u>Location</u>	<u>Administration</u>
7399 Longleaf Pine Parkway	Chris Phelps, Principal
St. Johns, Florida 32259	
(904) 547-8340	
Fax (904) 547-8359	

Bartram Trail is one of two home schools for students residing in the northwest section of St. Johns County. Opened in the fall of 2000, the school offers a comprehensive high school program. Details about the school can be obtained from the school web site at <http://www-bths.stjohns.k12.fl.us>.

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Creekside High School

<u>Location</u>	<u>Administration</u>
100 Knights Lane	Steve McCormick, Principal
St. Johns, Florida 32259	
(904) 547-7300	
Fax (904) 547-7305	

Creekside High School is one of two home schools for students residing in the northwest section of St. Johns County. Opening in the fall of 2008, the school will offer a comprehensive high school program. Details about the school can be obtained from the school's web site at <http://www-chs.stjohns.k12.fl.us>.

Pedro Menendez High School

<u>Location</u>	<u>Administration</u>
600 State Road 206 West	Dr. Clay Carmichael, Principal
St. Augustine, Florida 32086	
(904) 547-8660	
Fax (904) 547-8675	

Pedro Menendez High School is the home school for students from the south St. Augustine area. Opened in the fall of 2000, the school offers a comprehensive high school program. Details about the school can be obtained from the school's web site at <http://www-pmhs.stjohns.k12.fl.us>

Ponte Vedra High School

<u>Location</u>	<u>Administration</u>
460 Davis Park Road	Fredrik Oberkehr, Principal
Ponte Vedra, Florida 32081	
(904) 547-7350	
Fax (904) 547-7355	

Ponte Vedra High School is one of two home schools for students residing in the northeast section of St. Johns County. Opening in the fall of 2008, the school will offer a comprehensive high school program. Details about the school can be obtained from the school web site at <http://www-pvhs.stjohns.k12.fl.us>.

St. Augustine High School

<u>Location</u>	<u>Administration</u>
3205 Varella Avenue	Dr. DeArmas Graham, Principal
St. Augustine, Florida 32084	
(904) 547-8530	
Fax (904) 547-8535	

St. Augustine High School is the home school for students in the central St. Augustine area. The first high school in St. Johns County, the school offers a comprehensive high school program. Details about the school can be obtained by accessing the school's web site at <http://www-sahs.stjohns.k12.fl.us>.

St. Johns Technical High School

<u>Location</u>	<u>Administration</u>
2980 Collins Ave Bldg. E	Cynthia Williams, Principal
St. Augustine, Florida 32084	
(904) 547-8500	
Fax (904) 547-8505	

St. Johns Technical High School is open to students throughout the county and offers a technical program of study matched with a 3- or 4-year diploma track for college or post-secondary training. Details about the school can be obtained by accessing the school's web site at <http://www.sjths.stjohns.k12.fl.us>.

St. Johns Virtual School

<u>Location</u>	<u>Administration</u>
2980 Collins Ave Bldg. C	Cynthia Willams, Principal
St. Augustine, Florida 32084	
(904) 547-8086	
Fax (904) 547- 8085	

St. Johns Virtual School is an online school of choice offered by the St. Johns County School District for grades K-12, with part time and full time enrollment available. Details about the school can be obtained by accessing the school's web site at <http://www.sjvs.stjohns.k12.fl.us/>.

ALTERNATIVE HIGH SCHOOL PROGRAM

The Gaines Alternative Center

<u>Location</u>	<u>Administration</u>
The Evelyn Hamblen Center	Patricia McMahon, Principal
1 Christopher Street	
St. Augustine, Florida 32084	
(904) 547-8560	
Fax (904) 547-8555	

The Gaines Alternative Center provides an alternative learning setting for students placed by disciplinary action.

TECHNICAL COLLEGE

First Coast Technical College

<u>Location</u>	<u>Administration</u>
2980 Collins Avenue	Chris Force, Principal
St. Augustine, Florida 32084	
(904) 824-4401	
Fax (904) 824-6750	

First Coast Technical College provides technical education in various career fields. Students may earn technical certificates in a chosen career field while working toward a high school diploma. For added information, log on to the web site at <http://www.fctc.edu>.

PROGRAMS OF STUDY AND PROGRAMS OF EMPHASIS

PROGRAMS OF STUDY

Definition: Programs of Study are defined as multi-year, specialized programs that are available to students from across the district. Students must apply for a Program of Study. For additional information regarding academies please check the St. Johns County School District web site at <http://academies.stjohns.k12.fl.us/> or contact those listed below.

Allen D. Nease High School

Communications Academy

Students participate in a curriculum that prepares them for careers in marketing and communications. Students may select from two specialty areas: TV Production and Digital Design. TV Production students create Wired, a live daily newscast, along with sports highlights and other specialized video productions. Digital Design and Journalism students use advanced Adobe software to design and distribute the school newspaper, The Vertical, and the school yearbook, Impressions. Students will complete an internship and graduate with a portfolio of their work. Post-secondary partners allow for academy students to continue their education at St. Johns River State College, Florida State College, First Coast Technical College, or another college of their choice. This program includes freshman Honors courses in English and Social Studies.

Stellar Academy of Engineering

This academy was formed in partnership with Stellar, a premier international design-build firm based in Jacksonville, and the instructors are engineers. The rigorous program is designed to prepare students for high-skill, high-wage and high-demand careers in such fields as engineering, architecture, design and construction. Students use the latest industry software, AutoCAD and Revit, as they progress through a series of engineering courses. The academy also partners with the University of North Florida to offer dual enrollment courses at Nease. Upon completion of the four-year program students will have the skills to directly enter the workforce at a competitive salary and/or enroll in a post-secondary engineering program with substantial skills and college credit. This program includes freshman Honors courses in English and Social Studies.

International Baccalaureate Program (IB)

This program has a high quality international curriculum aimed at encouraging critical thinking. Emphasis is placed on helping students learn how to analyze. The program develops an appreciation for other cultures and all courses are accelerated. The International Baccalaureate (IB) Diploma Program is a rigorous pre-university course of study leading to internationally standardized tests. The program's comprehensive two-year curriculum allows its graduates to fulfill requirements of many different nations' education systems. Student completing IB courses and exams are eligible for college credit. The award of credit is based on scores achieved on IB exams. Students can earn up to 30 postsecondary semester credits by participating in this program at the high school level. For information, visit www.ibo.org.

Navy ROTC

The NJROTC curriculum emphasizes citizenship and leadership development, as well as our maritime heritage, the significance of sea power, and naval topics such as the fundamentals of naval operations, seamanship, navigation and meteorology. Classroom instruction is augmented throughout the year by community service activities, drill competition, field meets, flights, visits to naval activities, marksmanship training and other military training.

Academy of Hospitality and Tourism

This Academy has partnered with the North Florida Hotel and Lodging Association, and local companies including Ponte Vedra Inn and Club and Sysco, to give students the professional skills and real-world experience they will need to be successful in the industry. Students will learn business etiquette, customer service skills, computer operations and many of the facets of meeting client needs. Students may earn industry certifications.

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Bartram Trail High School

VyStar Academy of Business and Finance

The Academy of Business and Finance is an academic and internship program for high school students exploring career opportunities within the financial services and entrepreneurship. Students participate in a rigorous program of study that contains dual enrollment opportunities, advanced placement opportunities, and honors credit. Students in the academy are required to participate in the DECA student association.

Design Academy

Students participate in a rigorous and relevant curriculum that focuses on one of three strands: Interior Design, Architectural Drafting or Fashion Production. Students will explore their creative talents in decor and fashion design, as well as, gain valuable drafting skills using AutoCAD. Post-secondary opportunities are available through the St. Johns River State College, the University of North Florida and the Florida State College at Jacksonville.

Academy of Information Technology

The Academy of information Technology prepares students for post-secondary education and careers through a theme-based, contextualized curriculum approach. Academic learning experiences are combined with hands-on work experience to help students develop the thinking and problem-solving skills that are so critical to postsecondary education and career success.

Air Force ROTC

The objectives of JROTC are to educate and train high school cadets in citizenship, promote community service, instill responsibility, character, and self-discipline, and provide instruction in air and space fundamentals. The AFJROTC program is grounded in the Air Force core values of integrity first, service before self, and excellence in all we do. The curriculum emphasizes the Air Force heritage and traditions, the development of flight, applied flight sciences, military aerospace policies and space exploration.

Creekside High School

Academy of Emerging Technology

Students participate in a program that focuses on two strands: New Media Technology or Network Support. New Media Technology is designed to offer a broad foundation of knowledge and skills to prepare students for employment in digital media, new media, and multimedia positions using Apple products. Students will learn about podcasting, iMovies and other new media outlets. The Network Support program is designed to offer instruction in computer literacy; software application support; basic hardware configuration and troubleshooting; networking technologies, troubleshooting, security and administration using windows products.

Academy of Engineering & Environmental Science

Students participate in a program that focuses on three strands: Civil Engineering, Applied Engineering and Environmental Studies. The purpose of the civil engineering program is to prepare students as surveying technicians, mapping technicians, civil engineers, surveyors and urban planners. The applied engineering track offers students the opportunity to become immersed in project management, new product design, industrial processes and production. The content of both programs include, but are not limited to, basic mathematical, scientific, or technical aspects of civil engineering or urban planning; beginning surveying, including mapping natural terrain; and drafting. The Environmental program focuses on the knowledge of federal, state, and local regulations; ecosystem awareness; water and air quality issues; managing hazardous materials; managing forests, wetlands, fisheries, and wildlife; planning and administering land use; protecting resources; conducting site assessments; sampling procedures; safety procedures; compliance monitoring and quality assurance procedures; and instruction in GIS/GPS technology.

Pedro Menendez High School

Academy of Architectural and Building Sciences

Students participate in a program of study: Architectural Drafting or Building Construction Technology. Students will receive hands-on training in their chosen program of study and will complete an internship. Program completers may enter the world of work, enter the apprenticeship program at St. Johns River State College, or continue on to college in a construction program at the University of Florida or the University of North Florida. Students participate in community projects with Habitat for Humanity and the St. Johns County Housing Partnership.

VyStar Academy of Business and Finance

This academy provides students with a rigorous business program that includes relevant concepts and skills that are transferable to post-secondary education and/or the workplace. Students graduating from this academy will leave Pedro Menendez High School with a well-rounded education in general business principles, employability skills, on-the-job training, and a completed online portfolio documenting their qualifications. All business programs within the academy articulate to the St. Johns River State College. Students may earn college credit through institutional exams, portfolio review, sequenced courses, and/or dual enrollment.

Flagler Hospital Academy of Medical and Health Careers

This academy introduces students to various careers in the medical and health fields. Students enrolled in Allied Health Assisting, Emergency Medical Responder, and EKG Technician to prepare for a future career in the healthcare industry. They will gain valuable hospital experience by completing clinical experiences at Flagler Hospital during their junior year. Participants in the academy will become certified in CPR. Students also have the opportunity to earn college credits through dual enrollment or advance placement course work that can be used towards St. Johns River State College's nursing, radiology and respiratory programs or transferred to a university.

International Baccalaureate Program (IB)

This program has a high quality international curriculum aimed at encouraging critical thinking. Emphasis is placed on helping students learn how to analyze. The program develops an appreciation for other cultures and all courses are accelerated. The International Baccalaureate (IB) Diploma Program is a rigorous pre-university course of study leading to internationally standardized tests. The program's comprehensive two-year curriculum allows its graduates to fulfill requirements of many different nations' education systems. Student completing IB courses and exams are eligible for college credit. The award of credit is based on scores achieved on IB exams. Students can earn up to 30 postsecondary semester credits by participating in this program at the high school level. For information, visit www.ibo.org.

Ponte Vedra High School

Academy of Biotechnology and Medical Research

Students participate in a rigorous college preparatory curriculum with a strong focus on math and science. Students will participate in valuable hands-on curriculum designed in partnership with the Mayo Clinic. Students will have access to a comprehensive research lab and a greenhouse. The skills learned will prepare them for any medical or science related field. Students will have the opportunity to earn college credit through Advanced Placement courses.

Academy of International Business and Marketing

Students participate in a curriculum in either international business or international marketing focusing on logistics. Both strands offer dual enrollment courses which allow a student the opportunity of earning college credit while in high school. Students will be involved in a project-based curriculum to prepare them for the work force or college. Students may select from Chinese or Spanish.

Academy of Information Technology

The Academy of Information Technology will provide students with a foundation of knowledge and technically oriented experiences in the high demand IT field. They will receive rigorous and challenging hands-on instruction to be prepared to continue success after high school.

St. Augustine High School

St. Augustine High School Advanced International Certificate of Education (AICE)

AICE is a rigorous, internationally recognized pre-university curriculum and examination program designed for highly motivated, academically able students in grades 9-12. The AICE curriculum is written and administered throughout the world by Cambridge International Examinations (CIE), a non-profit department of the University of Cambridge in England. The AICE curriculum encourages independent research and investigation, initiative and creativity and the application of skills and knowledge. AICE offers an examination program modeled on the British pre-college curriculum and "A-Level" exams. Florida's public community colleges and universities provide college credit for successfully passed exams. For information, visit www.cie.org.uk and click on "Qualifications and Awards," then "AICE."

Army ROTC

The United States Army's Junior Reserve Officers' Training Corps, or JROTC, is designed to teach high school students the value of citizenship, leadership service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline. Its focus is reflected in its mission statement, "To motivate young people to be better citizens." It prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. The program is a stimulus for promoting graduation from high school, and it provides instruction and rewarding opportunities that will benefit the student, community and nation.

Academy of Law and Homeland Security

A program providing preparation for work in careers to serve and protect the public, state and country in law, law enforcement and Homeland Security related fields.

St. Johns County Aerospace Academy

This academy partners with Embry-Riddle Aeronautical University which is one of the top aeronautical universities in the world. ERAU professors will teach dual enrollment courses on the SAHS campus in curriculum area. Students may receive up to 9 credits from ERAU upon graduation from high school, which could result in a savings of \$20,000.

St. Johns County Center for the Arts (*additional auditions are required*)

Students participate in an artistic program of study. The Center offers students an in-depth exposure to the fine arts through a rigorous, challenging curriculum. This environment provides the skills necessary for success in higher education and the workplace through a comprehensive, hands-on focus in each course of study. The Center consists of four strands: music (both vocal and instrumental), dance, theatre, and visual arts. While students ultimately select one strand as their concentration, they are also encouraged to explore areas outside their selected strand.

St. Johns County Academy of Future Teachers

Students participate in a rigorous college preparatory curriculum which focuses on a career in education. Students will earn their credits towards their Associate of Arts (AA) degree from St. Johns River State College's teacher preparation program while earning their high school diploma which translates to a savings of over \$6000. Students may be able to enter a Bachelor's Degree program with 60 college credits after high school graduation.

St. Johns Technical High School

Academy of Coastal & Water Resources

The Academy of Coastal and Water Resources is dedicated to providing students with high quality, industry relevant curriculum to assure success in post secondary education and coastal and water resources career opportunities. Through collaboration with our business partners, the students are engaged in applied learning and develop confidence, long lasting relationships and a sense of community.

Academy of Culinary Arts

Students enrolled in the Academy of Culinary Arts are guided by real-world industry professionals so they are career ready upon graduation. The program offers a sequence of courses designed to provide rigorous content aligned with challenging academic standards and relevant technical skills needed for further education and careers in the Culinary Arts. Hands-on laboratory activities such as: safe food handling, tools and equipment skills, safety procedures as well as, many levels and types of food preparation are integral to the program. The academy focuses on all aspects of culinary arts with an emphasis on industry certifications for our students. Learn more about the [Academy of Culinary Arts](#).

Carlisle Technologies (IT) Manufacturing Internship Program

The Carlisle IT Manufacturing Internship program is a platform to introduce St. Johns Technical High School (SJTHS) students to the various aspects of manufacturing technologies and provides them with hands-on, industry relevant experiences. SJTHS students are also learning essential employability and life skills necessary to succeed in the workplace. Through the Carlisle IT partnership, St. Johns Tech students work one-on-one on the manufacturing floor with Carlisle mentors. Carlisle IT is developing our students into future employment prospects who are career ready upon graduation.

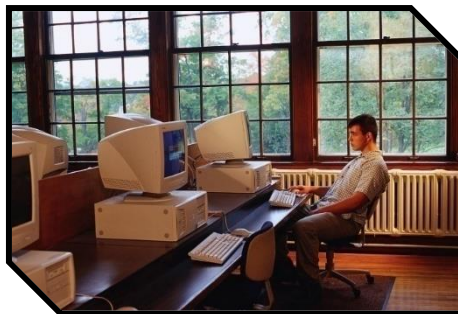
First Coast Technical College at St. Johns Technical High School

Students participate in a program of study that builds strong business skills in an area of interest which includes the following: Commercial Art, Cosmetology, Culinary Arts, Early Childhood Education, Web Design Support/Network Support, Landscaping, Horticulture/Turfgrass Management/Landscaping, Printing and Graphic Communications, Cabinet Making and Small Engine Repair. All courses are hands-on and students may dually enroll through the First Coast Technical College.

PROGRAMS OF EMPHASIS

Definition: Programs of Emphasis are defined as multi-year, specialized programs that are available to students at their home zone school. Students must apply for a Program of Emphasis and may transfer out of the program only at the end of a semester when credit is awarded (high school). Middle school students may transfer at the end of a report card period only. No out-of-zone students may attend a Program of Emphasis.

Bartram Trail, Creekside, Pedro Menendez, Ponte Vedra and St. Augustine high schools have advanced academic programs for students who live within their school zones only.



SCHEDULING PROCEDURES

Schools will try to schedule all the courses selected by a student; however, the following may affect a student's final schedule:

- If a course is not requested by a sufficient number of students, that course will not be offered. In this case every attempt will be made to select a course from the "alternate selections" list from the student's course request form.
- If two selected courses are only offered at the same time, the student can only be scheduled into one of them. Every attempt will be made to use one of the student's alternate selections to replace the unscheduled course.
- If a student chooses a course that has a prerequisite and the student's final grade in the prerequisite course is not adequate, the student's schedule will be adjusted accordingly.

For these reasons, it is crucial that the student completes the "alternate selections" section of the course request form. Please note that if this section is not completed, the student will be scheduled for available electives.

Procedure is to fill openings in courses in the following priority order:

1. ESE students
2. Career Academy students
3. Intensive Reading and Intensive Math students
4. Ninth graders' Major Area of Interest courses
5. AP, IB, AICE, ASP students
6. Other 12th, 11th, 9th, 8th grade students

It is recommended that each student schedule a conference with his or her guidance counselor during the second semester of the junior year to ensure proper registration for all the courses needed to meet any remaining graduation requirement.

Students should discuss and plan their schedule with their parents. Parents should assure their student's planned schedule reflects the scheduling procedures and courses needed for graduation.

Schedule Change Procedures

Please be aware of the Schedule Change Procedure when course selections and their alternates are made. Student-initiated schedule changes must take place prior to the 5th meeting of the student's enrollment in class. All students who register for a full credit course are expected to remain in the course for both semesters as scheduling is done on a full year basis. A student's schedule may only be changed under the following conditions:

- A student is mis-scheduled because of inadequate or erroneous information
- Administrative action becomes necessary because of imbalance of class loads, loss of a teaching unit, unique or unforeseen constraints
- An additional course is needed to meet graduation requirements
- A schedule adjustment is required because a student already has received credit in a scheduled class

St. Johns County School District employs teachers certified by the Florida Department of Education. The school administration will decide the instructor for each course section. Students and parents are expected to abide by the choice of instructor. Course content is consistent in all sections with the same course number and description.

Grade Forgiveness

State law requires a cumulative 2.0 GPA to graduate. Forgiveness policies for required courses shall be limited to replacing a grade of D or F, or their numerical equivalent, with a grade of C or higher, or its numerical equivalent, earned subsequently in the same or comparable course. Forgiveness policies for elective courses shall be limited to replacing a grade of D or F, or their equivalent, with a grade of C or higher, or its equivalent, earned subsequently in another course. These restrictions on forgiveness do not apply to students below grade 9 taking high school courses. Such students may repeat a course for forgiveness with grades C or below. Any course credit not replaced according to the district's forgiveness policy shall be included in the calculation of the cumulative GPA required for graduation. All courses and grades must be included on the student's transcript.

Schools may not count the best 24 credits for all courses taken to meet the cumulative GPA for graduation requirements. The district's forgiveness policy is for the purpose of assisting students in meeting the requirement to attain a minimum grade point average necessary to graduate from high school or raise their GPA. Schools do not have the authority to purge a student record to delete the first grade of D or F. Student records cannot be altered at any time unless it has been determined that the information is inaccurate or a violation of the privacy or other rights of the student.



2017-2018
SJCS HIGH SCHOOL COURSE OFFERINGS

ART - VISUAL ARTS

Advanced Placement (AP) Art – Drawing Portfolio

Course No.: 0104300

Advanced Placement (AP) Art - History of Art

Course No.: 0100300

Advanced Placement (AP) Studio Art:

2-D Design Portfolio

Course No.: 0109350

Advanced Placement (AP) Studio Art:

3-D Design

Course No.: 0109360

AICE Art and Design 1 AS Level

Course No.: 0101370

Pre-AICE Art and Design and 3D Studies

Course No.: 0101375

Pre-AICE Art and Design & Painting and Related Media IGCSE

Course No.: 0104415

Pre-AICE Art and Design & Graphic Communication IGCSE

Course No.: 0106315

AICE Art and Design Sculpture AS Level

Course No.: 011340

AICE Digital Media and Design 1 AS Level

Course No.: 0108400

Art/2-D and 3-D Comprehensive

Course No.: 0101360

Art/2D Studio Art 1

Course No.: 0101300

Art/2D Studio Art 2

Course No.: 0101310

Art/2D Studio Art 3 Honors

Course No.: 010320

Art/3D Studio Art 1

Course No.: 010330

Three-Dimensional Studio Art 2

Course No.: 0101340

Three-Dimensional Studio Art 3- Honors

Course No.: 0101350

Art I – Florida’s Preliminary International Baccalaureate (Pre IB)

Course No.: 0114800

Art I–B – Art/Design (Research) Subsidiary Level – International Baccalaureate (IB)

Course No.: 0114820

Art II–B – Art/Design (Research) Subsidiary Level – International Baccalaureate (IB)

Course No.: 0114830

Ceramics/Pottery I

Course No.: 0102300

Ceramics/Pottery II

Course No.: 0102310

Ceramics/Pottery III Honors

Course No.: 0102320

Creative Photography I

Course No.: 0108310

Creative Photography II

Course No.: 0108320

Creative Photography III Honors

Course No.: 0108330

Digital Art Imaging 1

Course No.: 0108370

Digital Art Imaging 2

Course No.: 0108380

Digital Art Imaging 3 Honors

Course No.: 0108390

Drawing 1

Course No.: 0104340

Drawing 2

Course No.: 0104350

Drawing 3 Honors

Course No.: 0104360

Film 1

Course No.: 0107410

Film 2

Course No.: 0107420

Film Studies 1 International Baccalaureate

Course No.: 0107470

Film Studies 2 International Baccalaureate

Course No.: 0107472

Film Studies 3 International Baccalaureate

Course No.: 0107474

Painting II

Course No.: 0104380

Portfolio Development: Drawing Honors

Course No.: 0109310

Portfolio Development: 2D Design Honors

Course No.: 0109320

Portfolio Development: 3D Design Honors

Course No.: 0109330

Sculpture I

Course No.: 0111310

Sculpture II

Course No.: 0111320

Sculpture III Honors

Course No.: 0111330

IB Visual Arts 2

Course No.: 0114825

IB Visual Arts 3

Course No.: 0114835

COMPUTER EDUCATION

Advanced Placement Computer Science A

Course No.: 0200320

Advanced Placement Computer Science Principles

Course No.: 0200335

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DANCE

Ballet I

Course No.: 0300340

Ballet II

Course No.: 0300350

Ballet III

Course No.: 0300360

Ballet IV Honors

Course No.: 0300370

Dance 1- International Bacculaureate

Course No.: 0300655

Dance 2- International Bacculaureate

Course No.: 0300660

Dance Choreography/Performance I

Course No.: 0300380

Dance Choreography/Performance II

Course No.: 0300390

Dance Repertory I

Course No.: 0300400

Dance Repertory II

Course No.: 0300410

Dance Repertory III Honors

Course No.: 0300420

Dance Repertory IV Honors

Course No.: 0300430

Dance Techniques I

Course No.: 0300310

Dance Techniques II

Course No.: 0300320

Dance Techniques III Honors

Course No.: 0300330

Dance Techniques IV Honors

Course No.: 0300334

DRAMA – THEATRE ARTS

Acting I

Course No.: 0400370

Acting II

Course No.: 0400380

Acting III

Course No.: 0400390

Acting IV Honors

Course No.: 0400400

Introduction to Drama

Course No.: 0400300

Pre-AICE Drama

Course No.: 0400345

Musical Theatre 1

Course No.: 0400700

Musical Theatre 2

Course No.: 0400710

Musical Theatre 3

Course No.: 0400720

Technical Theatre Design & Production 1

Course No.: 0400410

Technical Theatre Design & Production 2

Course No.: 0400420

Technical Theatre Design & Production 3

Course No.: 0400430

Technical Theatre Design & Production 4 Honors

Course No.: 0400440

Technical Theatre: Design and Production for Scenery and Props

Course No.: 0400407

Technical Theatre: Design and Production for Lighting and Sound

Course No.: 0400408

Technical Theatre: Design and Production for Costume, Makeup and Hair

Course No.: 0400409

Theatre I

Course No.: 0400310

Theatre II

Course No.: 0400320

Theatre III Honors

Course No.: 0400330

Theatre IV Honors

Course No.: 0400340

Theater I – International Bacculaureate (IB)

Course No.: 0400810

Theater II - International Bacculaureate (IB)

Course No.: 0400820

Theater III – International Bacculaureate (IB)

Course No.: 0400830

Theater History and Literature I

Course No.: 0400350

Theatre Improvisation

Course No.: 0400620

Theatrical Direction and Stage Management 1

Course No.: 0400500

Theatrical Direction and Stage Management 2 Honors

Course No.: 0400510

EXCEPTIONAL STUDENT EDUCATION

Access Algebra 1A

Course No.: 7912080

Access Algebra IB

Course No.: 7912090

Access Biology I

Course No.: 7920015

Access Chemistry

Course No.: 792011

Access Earth/Space Science

Course No.: 7920020

Access English 1

Course No.: 7910120

Access English 2

Course No.: 7910125

Access English 3

Course No.: 7910130

Access English 4

Course No.: 7910135

Access HOPE

Course 7915015

Access Integrated Science

Course No.: 7920025

Access Liberal Arts Math

Course No.: 7912070

Access Physical Science
Course No.: 7920022

Access United States Government
Course No.: 7921015

Access World History
Course 7921027

Career Education: 9-12
Course No.: 7921330

Career Experiences
Course No.: 7980120

Career Placement
Course No.: 7980130

Career Preparation
Course No.: 7980110

Health and Safety: 9-12
Course No.: 7920050

Hospital/Homebound Instructional Services
Course No.: 7900030

Language Therapy
Course No.: 7966040

Learning Strategies
Course No.: 7963080

Life Management and Transition: 9-12
Course No.: 7960010

Occupational Therapy
Course No.: 7966020

Orientation and Mobility Skills
Course No.: 7963060

Preparation for Postschool Adult Living
Course No.: 7963010

Physical Therapy
Course No.: 7966010

Self-Determination
Course No.: 7963140

Skills for Students Who Are Deaf or Hard of Hearing
Course No.: 7963040

Skills for Students Who Are Gifted
Course No.: 7963090

Skills for Visually Impaired Students
Course No.: 7963050

Social and Personal Skills
Course No.: 7963070

Specially Designed Physical Education
Course No.: 7915010

Speech Therapy
Course No.: 7966030

Studies for Students who are Gifted
Course No.: 7965040

Supported Competitive Employment
Course No.: 7980150

Therapeutic Instructional Support
Course No.: 7900010

Unique Skills
Course No.: 7963130

Visual and Performing Arts
Course No.: 7967010

[EXPERIENTIAL EDUCATION](#)

Executive Internship I
Course No.: 0500300

Executive Internship II
Course No.: 0500310

Executive Internship III
Course No.: 0500320

Executive Internship IV
Course No.: 0500330

Personal, Career, and School Development Skills I
Course No.: 0500500

Personal, Career, and School Development Skills II
Course No.: 0500510

Voluntary Public Service
Course No.: 0500370

[FOREIGN LANGUAGES](#)

Advanced Placement Chinese Language
Course No: 0711340

Advanced Placement (AP) French Language
Course No.: 0701380

Advanced Placement (AP) Latin: Latin Literature
Course No.: 0706360

Advanced Placement (AP) Spanish Language and Culture
Course No.: 0708400

Advanced Placement (AP) Latin: Vergil
Course No.: 0706370

AICE French Language
Course No.: 0701391

AICE French Literature
Course No.: 0701392

OAICE Spanish Literature
Course No.: 0708540

American Sign Language I
Course No.: 0717300

American Sign Language II
Course No.: 0717310

American Sign Language III Honors
Course No.: 0717312

American Sign Language IV Honors
Course No.: 0717314

Chinese I
Course No.: 0711300

Chinese II
Course No.: 0711310

Chinese III
Course No: 0711320

Chinese IV
Course No: 0711330

French I
Course No.: 0701320

French II
Course No.: 0701330

French III Honors
Course No.: 0701340

French IV Honors
Course No.: 0701350

French V Honors
Course No.: 0701360S

French I- Preliminary Baccalaureate (Pre IB)
Course No.: 0701800

French II- Preliminary Baccalaureate (Pre IB)
Course No.: 0701810

French III- Preliminary Baccaulaureate (Pre IB)
 Course No.: 0701820

French IV- Lang. B- International Baccaulaureate (IB)
 Course No.: 0701830

Latin I
 Course No.: 0706300

Latin II
 Course No.: 0706310

Latin III Honors
 Course No.: 0706320

Latin IV Honors
 Course No.: 0706330

Latin V Honors
 Course No.: 0706340

Pre AICE French Language I
 Course No.: 0701394

Pre AICE French Language II
 Course No.: 0701396

Pre AICE Latin I
 Course No.: 0706382

Pre AICE Latin II
 Course No.: 0706384

Pre AICE Spanish Language I
 Course No.: 0708532

Pre AICE Spanish Language II
 Course No.: 0708534

Spanish I
 Course No.: 0708340

Spanish II
 Course No.: 0708350

Spanish III Honors
 Course No.: 0708360

Spanish IV Honors
 Course No.: 0708370

Spanish I – Preliminary International Baccaulaureate (Pre IB)
 Course No.: 0708800

Spanish II– Preliminary International Baccaulaureate (Pre IB)
 Course No.: 0708810

Spanish III – Preliminary International Baccaulaureate (Pre IB)
 Course No.: 0708820

Spanish IV – Language B - International Baccaulaureate (IB)
 Course No.: 0708830

Spanish V International Baccaulaureate (IB)
 Course No.: 0708840

Spanish for Spanish Speakers I
 Course No.: 0709300

Spanish for Spanish Speakers II
 Course No.: 0709310

Spanish for Spanish Speakers III
 Course No.: 0709320

Spanish for Spanish Speakers IV
 Course No.: 0709330

HUMANITIES

Humanities I (to 1500) Honors
 Course No.: 0900310

Humanities II (from 1500) Honors
 Course No.: 0900320

Theory of Knowledge – International Baccaulaureate (IB)
 Course No.: 0900800

Theory of Knowledge 2 – International Baccaulaureate (IB)
 Course No.: 0900810

LANGUAGE ARTS

Advanced Placement (AP) English Language and Composition
 Course No.: 1001420

Advanced Placement (AP) English Literature and Composition
 Course No.: 1001430

AICE English Language AS Level
 Course No.: 1001550

AICE English Literature I
 Course No.: 1005370

AICE General Paper
 Course No.: 1009360

American Literature
 Course No.: 1005310

Applied Communications I
 Course No.: 1001460

Applied Communications II
 Course No.: 1001470

Contemporary Literature
 Course No.: 1005330

Creative Writing I
 Course No.: 1009320

Creative Writing II
 Course No.: 1009330

Creative Writing III
 Course No.: 1009331

Creative Writing IV
 Course No.: 1009332

Creative Writing V
 Course No.: 1009333

Debate I
 Course No.: 1007330

Debate II
 Course No.: 1007340

Developmental Language Arts Through ESOL
 Course No.: 1002380

English I
 Course No.: 1001310

English Honors I
 Course No.: 1001320

English II
 Course No.: 1001340

English Honors II
 Course No.: 1001350

English III
 Course No.: 1001370

English Honors III
 Course No.: 1001380

English IV
 Course No.: 1001400

English Honors IV
 Course No.: 1001410

English I – Preliminary International Baccaulaureate (Pre IB)
 Course No.: 1001800

English II – Preliminary International Baccaulaureate (Pre IB)
 Course No.: 1001810

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English III – International Baccalaureate (IB)

Course No.: 1001820

English IV– International Baccalaureate (IB)

Course No.: 1001830

English I through ESOL

Course No.: 1002300

English II through ESOL

Course No.: 1002310

English III through ESOL

Course No.: 1002320

English IV through ESOL

Course No.: 1002520

Intensive Language Arts

Course No.: 1000400

Intensive Reading

Course No.: 1000410

Journalism I

Course No.: 1006300

Journalism II

Course No.: 1006310

Journalism III

Course No.: 1006320

Journalism IV

Course No.: 1006330

Journalism V Honors

Course No.: 1006331

Journalism VI Honors

Course No.: 1006332

Journalism VII Honors

Course No.: 1006333

Literature in the Media

Course No.: 1005365

Playwriting

Course No.: 1009350

Pre-AICE English Language

Course No.: 1001560

Pre-AICE English Literature

Course No.: 1005380

Reading for College Readiness

Course No.: 1008350

Speech I

Course No.: 1007300

Speech II

Course No.: 1007310

Writing for College Success

Course No. 1009370

LEADERSHIP SKILLS DEVELOPMENT

Approaches to Leadership

Course No.: 2400330

Leadership Skills Development

Course No.: 2400300

Leadership Strategies

Course No.: 2400320

MATH

Advanced Placement (AP) Calculus AB

Course No.: 1202310

Advanced Placement (AP) Calculus BC

Course No.: 1202320

Advanced Placement (AP) Statistics

Course No.: 1210320

Advanced Topics in Mathematics

Course No.: 1298310

AICE Mathematics and Probability and Statistics 1 AS

Course No.: 1202362

Algebra I

Course No.: 1200310

Algebra 1-A

Course No.: 1200370

Algebra I-B

Course No.: 1200380

Algebra I Honors

Course No.: 1200320

Algebra II

Course No.: 1200330

Algebra II Honors

Course No.: 1200340

Applied Mathematics III

Course No.: 1205420

Calculus Honors

Course No.: 1202300

Financial Algebra

Course No.: 1200387

Geometry

Course No.: 1206310

Geometry Honors

Course No.: 1206320

Informal Geometry

Course No.: 1206300

Integrated Math III

Course No.: 1207330

Intensive Math

Course No.: 1200400

International Baccalaureate Advanced Calculus

Course No.: 1202830

International Baccalaureate Calculus/Descriptive Statistics

Course No.: 1202810

Liberal Arts Mathematics (LAM) 1

Course No.: 1208300

Liberal Arts Mathematics (LAM) 2

Course No.: 1207310

Mathematical Analysis

Course No.: 1201400

Math for College Success

Course No: 1200410

Mathematics for College Readiness

Course No: 1200700

Mathematical Studies – International**Baccalaureate (IB)**

Course No.: 1209800

Pre-Calculus

Course No.: 1202340

Probability & Statistics with Applications

Course No: 1210300

Pre AICE Mathematics I IGSE Level

Course No.: 1209810

Pre AICE Mathematics II IGSE Level

Course No.: 1209820

Pre AICE Additional Math III IGSE Level

Course No.: 1202371YH

Pre-International Baccalaureate (IB) Inquiry Skills

Course No.: 1700360

Statistics and Introduction to Differential Calculus (IB)

Course No.: 1210310

MUSIC

Advanced Placement (AP) Music Theory

Course No.: 1300330

Band I

Course No.: 1302300

Band II

Course No.: 1302310

Band III

Course No.: 1302320

Band IV

Course No.: 1302330

Band V Honors

Course No.: 1302340

Band VI Honors

Course No.: 1302350

Chorus I

Course No.: 1303300

Chorus II

Course No.: 1303310

Chorus III

Course No.: 1303320

Chorus IV

Course No.: 1303330

Chorus V Honors

Course No.: 1303340

Chorus VI Honors

Course No.: 1303350

Chorus Register-Specific I

Course No.: 1303360

Chorus Register-Specific II

Course No.: 1303370

Chorus Register-Specific III

Course No.: 1303380

Chorus Register-Specific IV Honors

Course No.: 1303390

Comprehensive Musicianship III

Course No.: 1300370

Eurhythmics I

Course No.: 1305300

Eurhythmics II

Course No.: 1305310

Eurhythmics III

Course No.: 1305320

Eurhythmics IV

Course No.: 1305330

Guitar I

Course No.: 1301320

Guitar II

Course No.: 1301330

Guitar III

Course No.: 1301340

Guitar IV Honors

Course No.: 1301350

Instrumental Ensemble II

Course No.: 1302470

Instrumental Ensemble III

Course No.: 1300480

Instrumental Ensemble IV Honors

Course No.: 1302490

Instrumental Techniques I

Course No.: 1302420

Instrumental Techniques II

Course No.: 1302430

Instrumental Techniques III

Course No.: 1302440

Instrumental Techniques IV Honors

Course No.: 1302450

Instrumental Ensemble I

Course No.: 1302460

Jazz Ensemble I

Course No.: 1302500

Jazz Ensemble II

Course No.: 1302510

Jazz Ensemble III

Course No.: 1302520

Jazz Ensemble IV Honors

Course No.: 1302530

Keyboard I

Course No.: 1301360

Keyboard II

Course No.: 1301370

Keyboard III

Course No.: 1301380

Keyboard IV Honors

Course No.: 1301390

Music of the World

Course No.: 1300340

Music III – International Baccalaureate (IB)

Course No.: 1300820

Music IV – International Baccalaureate (IB)

Course No.: 1300830

Music Theory I

Course No.: 1300300

Music Theory II Honors

Course No.: 1300310

Music Techniques 1

Course No.: 130550

Music Techniques 2

Course No.: 1305510

Music Techniques 3

Course No.: 1305520

Music Techniques 4 Honors

Course No.: 1305530

Music Technology and Sound Engineering 1

Course No.: 1304300

Music Technology and Sound Engineering 2

Course No.: 1304310

Music Technology and Sound Engineering 3 Honors

Course No.: 1304320

Music Technology and Sound Engineering 4 Honors

Course No.: 1340330

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Course No.: 1302360
Vocal Ensemble I
Course No.: 1303440
Vocal Ensemble II
Course No.: 1303450
Vocal Ensemble III
Course No.: 1303460
Vocal Ensemble IV Honors
Course No.: 1303470
Vocal Techniques I
Course No.: 1303400
Vocal Techniques II
Course No.: 1303410
Vocal Techniques III
Course No.: 13034120
Vocal Techniques IV Honors
Course No.: 1303430

[PEER COUNSELING](#)

Peer Counseling I
Course No.: 1400300
Peer Counseling II
Course No.: 1400310
Peer Counseling III
Course No.: 1400320
Peer Counseling IV
Course No.: 1400330

[PHYSICAL EDUCATION](#)

Aerobics 1
Course No.: 1503400
Aerobics 2
Course No.: 1503410
Aerobics 3
Course No.: 1503420
AICE Physical Education 1 AS
Course No.: 3026020
Basketball
Course No.: 1503310
Health Opportunities through Physical Education (HOPE)
Course No.: 3026010
Individual and Dual Sports 1
Course No.: 1502410
Individual and Dual Sports 2
Course No.: 1502420
Individual and Dual Sports 3
Course No.: 1502430
Power Weight Training 1
Course No.: 1501410
Soccer
Course No.: 1503320
Softball
Course No.: 1503330
Team Sports 1
Course No.: 1503350
Team Sports 2
Course No.: 1503360
Volleyball 1
Course No.: 1505500

Volleyball 2
Course No.: 1505510
Volleyball 3
Course No.: 1505520
Weight Training 1
Course No.: 1501340
Weight Training 2
Course No.: 1501350
Weight Training 3
Course No.: 1501360

[RESEARCH AND CRITICAL THINKING](#)

Advancement Via Individual Determination (AVID) I
Course No.: 1700390
Advancement Via Individual Determination (AVID) II
Course No.: 1700400
Advancement Via Individual Determination (AVID) III
Course No.: 1700410
Advancement Via Individual Determination (AVID) IV
Course No.: 1700420
Advanced Placement Capstone Seminar
Course No.: 1700500
AICE Thinking Skills I
Course No.: 1700372
AICE Thinking Skills II
Course No.: 1700374
Approaches to Learning International Baccalaureate (IB)
Course No. 1700800
Career Research and Decision Making
Course No.: 1700380
Critical Thinking and Study Skills
Course No.: 1700370
Personal and Professional Skills 1 International Baccalaureate (IB)
Course No.: 1700820
Research I
Course No.: 1700300
Research II
Course No.: 1700310
Research III
Course No.: 1700320

[ROTC AND MILITARY TRAINING](#)

Aerospace Science I
Course No.: 1800300
Aerospace Science II
Course No.: 1800310
Aerospace Science III
Course No.: 1800320
Aerospace Science IV
Course No.: 1800330
Leadership Education and Training I
Course No.: 1801300
Leadership Education and Training II
Course No.: 1801310
Leadership Education and Training III
Course No.: 1801320
Leadership Education and Training IV
Course No.: 1801330
Naval Science I

Course No.: 1802300

Naval Science II

Course No.: 1802310

Naval Science III

Course No.: 1802320

Naval Science IV

Course No.: 1802330

SAFETY AND DRIVER EDUCATION

Drivers Education

Course No.: 1900310

SCIENCE

Advanced Placement (AP) Biology

Course No.: 2000340

Advanced Placement (AP) Chemistry

Course No.: 2003370

Advanced Placement (AP) Environmental Science

Course No.: 2001380

Advanced Placement (AP) Physics 1

Course No.: 2003421

Advanced Placement (AP) Physics 2

Course No.: 2003422

Advanced Placement (AP) Physics C: Electricity and Magnetism

Course No.: 2003425

Advanced Placement (AP) Physics C: Mechanics

Course No.: 2003430

AICE Biology I

Course No.: 2000321

AICE Chemistry 1

Course No.: 2003371

AICE Marine Science AS 1

Course No.: 2002515

AICE Physics

Course No.: 2003431

Anatomy and Physiology

Course No.: 2000350

Anatomy and Physiology Honors

Course No.: 2000360

Biology I

Course No.: 2000310

Biology I Honors

Course No.: 2000320

Biology II Honors

Course No.: 2000330

Biology I – Preliminary International Baccalaureate (Pre IB)

Course No.: 2000800

Biology II – International Baccalaureate (IB)

Course No.: 2000810

Biology III – International Baccalaureate (IB)

Course No.: 2000820

Chemistry I

Course No.: 2003340

Chemistry I Honors

Course No.: 2003350

Chemistry I – Preliminary International Baccalaureate (Pre IB)

Course No.: 2003800

Chemistry II –International Baccalaureate (IB)

Course No.: 2003810

Chemistry III–International Baccalaureate (IB)

Course No.: 2003820

Earth/Space Science

Course No.: 2001310

Environmental Science

Course No.: 2001340

Experimental Science 1 Honors

Course No.: 2002340

Marine Science I

Course No.: 2002500

Marine Science I Honors

Course No.: 2002510

Physical Science Honors

Course No.: 2003320

Physics I Honors

Course No.: 2003390

Physics 1 International Baccalaureate (IB)

Course No.: 2003840

Physics 2 International Baccalaureate (IB)

Course No.: 2003845

Physics 3–International Baccalaureate (IB)

Course No.: 2003850

Pre-AICE Biology

Course No.: 2000322

Pre-AICE Chemistry

Course no: 2003372

SOCIAL STUDIES

AICE Geography 1 AS Level

Course No.: 2103410

AICE Global Perspectives & Independent Research 1 A Level

Course No.: 1700365

AICE Global Perspectives and Research 1 AS Level

Course No.: 1700364

Advanced Placement (AP) Comparative Government and Politics

Course No.: 2106430P

Advanced Placement (AP) European History

Course No.: 2109380

Advanced Placement (AP) Human Geography

Course No.: 2103400

Advanced Placement (AP) Macroeconomics

Course No.: 2102370

Advanced Placement (AP) Microeconomics

Course No.: 2102360

Advanced Placement (AP) Psychology

Course No.: 2107350

Advanced Placement (AP) United States History

Course No.: 2100330

Advanced Placement (AP) United States Government and Politics

Course No.: 2106420

Advanced Placement (AP) World History

Course No.: 2109420

African-American History

Course No.: 2100340

AICE European History

Course No.: 2109371

AICE US History

Course No.: 2100500

AICE International History 1 AS Level

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Course No.: 2100490
American Government
Course No.: 2106310
American Government Honors
Course No.: 2106320
Constitutional Law Honors
Course No.: 21064680
Contemporary History
Course No.: 2109350
Economics with Financial Literacy
Course No.: 2102335
Economics with Financial Literacy Honors
Course No. 2102345
Engaged Citizenship through Service Learning I
Course No. 2104350
Engaged Citizenship through Service Learning II
Course No. 2104360
History of the Americas – International Baccalaureate (IB)
Course No.: 2100800
International Relations II Honors
Course No: 2106445
Law Studies
Course No.: 2106350
Pre-AICE Economics
Course No.: 2102323
Philosophy Honors
Course No.: 2120910
Psychology I
Course No.: 2107300
Psychology II
Course No.: 2107310
Psychology I – International Baccalaureate (IB)
Course No.: 2107800
Psychology II– International Baccalaureate (IB)
Course No.: 2107810
Sociology
Course No.: 2108300
United States History
Course No.: 2100310
United States History Honors
Course No.: 2100320
Volunteer School/Community Service
Course No.: 2104330
World Cultural Geography
Course No.: 2103300
World History
Course No.: 2109310
World History Honors
Course No.: 2109320
World History Preinternational Baccalaureate
Course No.: 2109810
World Religions
Course No.: 2105310

CAREER AND TECHNICAL EDUCATION COURSES

Accounting Applications 1
Course No.: 8203310
Accounting Applications 2
Course No.: 8203320
Administrative Office Technology I

Course No.: 8212110
Aerospace Technologies I
Course No.: 8600580
Aerospace Technologies II
Course No.: 8600680
Aerospace Technologies III
Course No.: 8600780
Agriscience Foundations I
Course No.: 8106810
Agriculture Biotechnology 2
Course No.: 8106850
Allied Health Assistant 3
Course No.: 8417131
Animal Biotechnology 3
Course No.: 8106120
Architectural Drafting 5
Course No.: 8725450
Architectural Drafting 6
Course No.: 8725460
Aviation Maintenance General 1
Course No.: 8715110
Aviation Maintenance General 2
Course No.: 8715120
Aviation Maintenance General 3
Course No.: 8715130
Biotechnology 1 Honors
Course No.: 3027010
Biotechnology 2 Honors
Course No.: 3027020
Biotechnology 3 Honors
Course No.: 8736030
Building Construction Technology 1
Course No.: 8720310
Building Construction Technology 2
Course No.: 8720320
Building Construction Technology 3
Course No.: 8720330
Building Construction Technology 4
Course No.: 8720340
Building Construction Technology 5
Course No.: 8720350
Building Construction Technology 6
Course No.: 8720360
Building Construction Technology 7
Course No.: 8720370
Business and Entrepreneurial Principles
Course No.: 8215120
Business Computer Programming 1
Course No.: 8206010
Business Computer Programming 2
Course No.: 8206020
Business Computer Programming 3
Course No.: 8206030
Business Computer Programming 4
Course No.: 8206040
Business Cooperative Education-OJT
Course No.: 8200410
Business Internship
Course No: 8216130

Business Management and Law
Course No.: 8812120
Business Ownership
Course No.: 8812000
Business Software Applications 1
Course No.: 8212120
Carpentry and Cabinetmaking 1
Course No.: 8722110
Carpentry and Cabinetmaking 2
Course No.: 8722120
Carpentry and Cabinetmaking 3
Course No.: 8722130
Carpentry 4
Course No.: 8722140
Carpentry 5
Course No.: 8722150
Carpentry 6
Course No.: 8722160
Carpentry 7
Course No.: 8722170
Child Development
Course No.: 8500310
Civil Engineering Aide 1
Course No.: 8915010
Civil Engineering Aide 2
Course No.: 8915020
Civil Engineering Aide 3
Course No.: 8915030
Civil Engineering Aide 4
Course No.: 8915040
Civil Engineering and Architecture
Course No.: 8600590
Commercial Art Technology 1
Course No.: 8718010
Commercial Art Technology 2
Course No.: 8718020
Commercial Art Technology 3
Course No.: 8718030
Commercial Art Technology 4
Course No.: 8718040
Commercial Art Technology 5
Course No.: 8718050
Commercial Art Technology 6
Course No.: 8718060
Commercial Art Technology 7
Course No.: 8718070
Commercial Art Technology 8
Course No.: 8718080
Commercial Art Technology 9
Course No.: 8718090
Commercial Art Technology 10
Course No.: 8718091
Commercial Foods and Culinary Arts I
Course No.: 8763010
Computer and Business Skills
Course No.: 8200330
Computer Technology for Travel and Tourism
Course No.: 8845140
Computer and Network Security Fundamentals

Course No.: 9001320
Construction Management
Course No.: 8725600
Cooperative Diversified Education - OJT
Course No.: 8300420
Criminal Justice Operations 1
Course No.: 8918010
Criminal Justice Operations 2
Course No.: 8918020
Criminal Justice Operations 3
Course No.: 8918030
Criminal Justice Operations 4
Course No.: 8918040
Culinary Arts 1
Course No.: 8800510
Culinary Arts 2
Course No.: 8800520
Culinary Arts 3
Course No.: 8800530
Culinary Arts 4
Course No.: 8800540
Culinary Arts 4 (Track 2)
Course No.: 8800550
Culinary Arts 4 (Track 3)
Course No.: 8800560
Customer Service 1
Course No.: 8848110
Customer Service 2
Course No.: 8848120
Customer Service 3
Course No.: 8848130
Cybersecurity Essentials
Course No.: 9001330
Cybersecurity; Operational
Course No.: 9001340
Database Principles
Course No.: 9003530
Database Security
Course No.: 9001360
Design Services Core
Course No.: 8506405
Digital Audio Production 1
Course No.: 8772310
Digital Audio Production 2
Course No.: 8772320
Digital Audio Production 3
Course No.: 8772330
Digital Audio Production 4
Course No.: 8772340
Digital Design 1
Course No.: 8209510
Digital Design 2
Course No.: 8209520
Digital Design 3
Course No.: 8209530
Digital Design 4
Course No.: 8209540
Digital Media/Multimedia Foundations 1
Course No.: 8201210

Digital Media/Multimedia Foundations 2
Course No.: 8201220

Digital Media/Multimedia Foundations 3
Course No.: 8201230

Digital Media/Multimedia Foundations 4
Course No.: 8201240

Digital Video and Sound Fundamentals
Course No.: 8207420

Digital Video Technology 1
Course No.: 8201410

Digital Video Technology 2
Course No.: 8201420

Digital Video Technology 3
Course No.: 8201430

Digital Video Technology 4
Course No.: 8201440

Digital Video Technology 5
Course No.: 8201450

Digital Video Technology 6
Course No.: 8201460

Drafting 1
Course No.: 8725010

Drafting 2
Course No.: 8725020

Drafting 3
Course No.: 8725030

Drafting 4
Course No.: 8725040

Early Childhood Education 1
Course No.: 8405110

Early Childhood Education 2
Course No.: 8405120

Early Childhood Education 3
Course No.: 8405130

Early Childhood Education 4
Course No.: 8405140

Applied Engineering Technology I
Course No.: 8401110

Applied Engineering Technology II
Course No.: 8401120

Applied Engineering Technology III
Course No.: 8401130

Technical Design
Course No.: 8401010

Technical Design 2
Course No.: 8401020

Electrocardiograph Aide 3
Course No.: 8417161

Electrocardiograph Technician 3
Course No.: 8427130

Engineering Design, Introduction to
Course No.: 8600550

Engineering Design and Development
Course No.: 8600650

Engineering Technology 1
Course No.: 8600570

Engineering Technology II
Course No.: 8600670

Environmental Technology; Introduction

Course No.: 8913010

Environmental Technology 2
Course No.: 8913020

Environmental Water Technology; Introduction
Course No.: 8007110

Environmental Water Technology; Intermediate
Course No.: 8007120

Environmental Water Technology; Advanced
Course No.: 8007130

Family and Consumer Sciences Directed Study
Course No.: 8500100

Family and Consumer Sciences OJT
Course No.: 8500410 N

Fashion Design Specialist
Course No.: 8506430

Film Production Equipment Operations 1
Course No.: 8772210

Film Production Equipment Operations 2
Course No.: 8772220

Film Production Equipment Operations 3
Course No.: 8772230

Film Production Equipment Operations 4
Course No.: 8772240

Film Production Equipment Operations 5
Course No.: 8772250

Film Production Equipment Operations 6
Course No.: 8772260

Finance and Business Technology
Course No.: 8815150

Financial Accounting Honors
Course No.: 8815140

Financial Internship
Course No.: 8815130

Financial Operations Honors
Course No.: 8815110

Financial Planning Honors
Course No.: 8815120

First Responder
Course No.: 8417171

Guided Workplace - Learning
Course No.: 8300430

Health Science 1
Course No.: 8417100

Health Science 2
Course No.: 8417110

Allied Health Assistant
Course No.: 8417131

Horticulture 2; Introductory to
Course No.: 8121510

Horticulture Science 3
Course No.: 8121520 B,

Hospitality and Tourism; Introduction to
Course No.: 8850110

Hospitality & Tourism Entrepreneurship
Course No.: 8703130

Hospitality & Tourism Marketing Management
Course No.: 8703120

Hospitality & Tourism Operations Internship
Course No.: 8845130

International Business Systems

Course No: 8216110

International Finance and Law

Course No: 8216120

International Marketing 1

Course No: 8839110

International Marketing 2

Course No: 8839120

International Marketing 3

Course No: 8839130

Interior Design Specialist

Course No.: 8506560

Interior Design Techniques

Course No.: 8506550

Information Technology; Introduction to

Course No.: 8207310

IT Fundamentals

Course No: 9001310

IT Systems and Applications

Course No.: 9003430

IT Principles

Course No.: 9003510

Keyboarding and Business Skills

Course No.: 8200320

Land Resources 3

Course No: 8913030

Land Resources 4

Course No: 8913040

Landscape and Turf Science 4

Course No.: 8121310

Landscape and Turf Science 5

Course No.: 8121320

Legal Aspects of Business

Course No.: 8215130

**Law, Public Safety & Security Education Directed Study
(Public Service Education Directed Study)**

Course No.: 8900100

Marketing Education Directed Study

Course No.: 8800100

Marketing Essentials

Course No: 8827110

Masonry 1

Course No.: 8722610

Masonry 2

Course No.: 8722620

Masonry 3

Course No.: 8722630

Masonry 4

Course No.: 8722640

Masonry 5

Course No.: 8722650

Masonry 6

Course No.: 8722660

Introduction to Natural Resources 2

Course No: 8006220

Natural Resources Technology 3

Course No.: 8006230

Natural Resource Management 4

Course No: 8006240

Networking 1

Course No.: 8207020

Networking 2 Infrastructure

Course No.: 8207030

Networking 3 Infrastructure

Course No.: 8207040

Networking 4 Infrastructure

Course No.: 8207050

Networking 5

Course No.: 8207060

Networking 6

Course No.: 8207070

New Media and Digital Imaging Fundamentals

Course No.: 8207410

Nursing Assistant

Course No: 8417311

Parenting Skills

Course No: 8500300

Pattern Design Techniques

Course No.: 8506420

Personal and Family Finance

Course No: 8500120

Principles of Clothing Construction

Course No.: 8500380

Principles of Fashion Design

Course No: 8506410

Principles of Interior Design Services

Course No. : 8506540

Printing and Graphic Communications 1

Course No: 8739010

Printing and Graphic Communications 2

Course No: 8739020

Printing and Graphic Communications 3

Course No: 8739030

Printing and Graphic Communications 4

Course No: 8739040

Printing and Graphic Communications 5

Course No: 8739050

Printing and Graphic Communications 6

Course No: 8739060

Principles of Entrepreneurship

Course No.: 8812110

Programming; Foundations of

Course No.: 9007210

Programming Principles

Course No.: 9003540

Robotics; Foundations of

Course No.: 9410110

Sport, Recreation and Entertainment Essentials

Course No.: 8827410

Sport, Recreation and Entertainment Applications

Course No.: 8827420

Sport, Recreation and Entertainment Marketing Management

Course No.: 8827430

Sports Turf

Course No.: 8121410

Teacher Assisting 1

Course No: 8909010

Teacher Assisting 2

Course No: 8909020
Teacher Assisting 3
Course No.: 8909030
Teacher Assisting 4
Course No.: 8909040
Technology for Hospitality & Tourism
Course No.: 8703110
Television Production 1
Course No.: 8772110
Television Production 2
Course No.: 8772120
Television Production 3
Course No.: 8772130
Television Production 4
Course No.: 8772140
Television Production 5
Course No.: 8772150
Television Production 6
Course No.: 8772160
Television Production 7
Course No.: 8772170
Television Production 8
Course No.: 8772180
Television Production Technology 1
Course No.: 8201510
Television Production Technology 2
Course No.: 8201520
Television Production Technology 3
Course No.: 8201530
Television Production Technology 4
Course No.: 8201540
Television Production Technology 5
Course No.: 8201550
Travel and Tourism Marketing Management
Course No: 8845120
Web Development Principles
Course No.: 9003520
Web Security
Course No.: 9001380
Workplace Essentials
Course No.: 8300310
Workplace Technology Applications
Course No.: 8300330

DUAL ENROLLMENT

Aircraft Familiarization
Course No: AMS102
American Literature 1
Course No.: AML2010
American Sign Language I
Course No.: SPA 1612
American Sign Language II
Course No.: SPA 1613
Anatomy and Physiology II/Anatomy and Physiology II Lab
Course No.: BSC2086
Aviation Meteorology
Course No.: ASC 1210
Basic Textiles
Course No.: IND 1429
Biology for Non-Majors

Course No.: BSC 1005
College Algebra
Course No.: MAC 1105
College Success Skills
Course No.: SLS 1101
Composition I
Course No.: ENC 1101
Composition II
Course No.: ENC 1102
Elementary Statistics
Course No.: STA 2023
Engineering Technology II
Course No.: 8600670/AS120
Environment of the Air Traffic Controller
Course No.: ATT 1810
Flight Physiology
Course No: AS357
Florida Heritage
Course No.: AMH 1070
Foundations of Spanish 1
Course No: SPN1120
Foundations of Spanish 2
Course No: SPN1121
General Psychology
Course No.: PSY 2014
General Physics I
Course No.: PHY 1053
History of Interiors II
Course No.: IND 1130
General Biology/General Biology Lab
Course No.: BSC1005
Human Biology/Human Biology Lab
Course No.: BSC1020
Human Biology
Course no: BSC 2020
Humanities I
Course No.: HUM 2211
Humanities I
Course No: HUM 2210 S
Introduction to Auto Cad
Course No.: CGS 1470
Introduction to Business
Course No.: GEB 1011
Introduction to Computing Engineers
Course No: EGR115
Introduction to Engineering I
Course No.: EGR101/EGN1001
Introduction to Engineering II
Course No.: AS120/EGN2009
Introduction to Technology for Educators
Course No: EME 2040
Laboratory for General Physics I
Course No.: PHY 1053L
Legal Environment of Business I
Course No.: BUL 1241
Life and Career Development
Course No: SLS 1301
Maintenance Mathematics and Physics
Course No: AMS101

Microcomputer Applications Software

Course No.: CGS 1100

Macroeconomics

Course No.: ECO 2014

Microeconomics

Course No.: ECO 2023

Presentation Technology

Course No.: CGS 2525

Principals of Aeronautical Science

Course No: AS120

Principles of Biology I

Course No.: BSC 2010

Principles of Marketing

Course No.: MAR 2012

Regulations, Documentation and Drawings

Course No: AMS111

Technical & Professional Report Writing

Course No: ENC2210

Space Flight

Course No: SP110

The Legal Environment to Business

Course No: BUL 3130

Tools, Materials and Processes

Course No: AMS103

United States Federal Government

Course No.: POS 1041

State and Local Government

Course No.: POS1112

College Success Skills

Course No.: SLS1101

United States History to 1877

Course No.: AMH 2010

United States History since 1877

Course No.: AMH 2020

World Civilization I

Course No.: WOH 1012

World Civilization II

Course No.: WOH 1022

SJCSD HIGH SCHOOL COURSE DESCRIPTIONS

ART - VISUAL ARTS

Advanced Placement (AP) Art - History of Art

Course No.: 0100300

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this course is to introduce students to the appreciation of works of art, the intelligent examination of works of art, and to the major forms of artistic expression in Western art from 1400 to the present. Students are expected to take a final AP exam.

Two-Dimensional Studio Art 1

Course No.: 0101300

Prerequisite: None

Credit: 1.0

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers

Two-Dimensional Studio Art 2

Course No.: 0101310

Prerequisite: Two-Dimensional Studio Art 1 or equivalent

Credit: 1.0

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Student artists sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers

Two-Dimensional Studio Art 3 Honors

Course No.: 0101320

Prerequisite: Two-Dimensional Studio Art 2 or equivalent

Credit: 1.0

Students demonstrate proficiency in the conceptual development of content in drawing, painting, printmaking, collage, and/or design to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality

in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style..

Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

Three-Dimensional Studio Art 1

Course No. 0101330

Prerequisite: None

Credit: 1.0

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Media may include, but are not limited to, clay, wood, plaster, and paper maché with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) through the use of positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Three-Dimensional Studio Art 2

Course No.: 0101340

Prerequisite: Three-Dimensional Studio Art 1 or equivalent

Credit: 1.0

Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instruction may include, but is not limited to, content in green or industrial design,

sculpture, ceramics, or building arts. Processes and techniques for substitution include wheel-thrown clay, glaze formulation and application, or extruded, cast, draped, molded, laminated, or soft forms. Media may include, but are not limited to, clay, wood, metal, plaster, paper maché, and plastic with consideration of the workability, durability, cost, and toxicity of the media used. 3-D artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Three-Dimensional Studio Art 3- Honors

Course No.: 0101350

Prerequisite: Three-Dimensional Studio Art 2 or equivalent

Credit: 1.0

Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. 3-D artists experiment with processes, techniques, and media, which may include, but are not limited to, creating maquettes, casting and kiln-firing techniques, stone carving, mold making, or working with glass, cement, PVC piping, or structures scaled to human existence. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

AICE Art and Design 1 AS Level

Course No.: 0101370

Credit: 1.0

Prerequisite: Placement in AICE Program and Meet Honors Criteria

The purpose of this course is to enable students to communicate ideas or concepts through the use of design and composition while making critical judgments and showing an appreciation and cultural awareness of the world around them. It is concerned with independent visual perception and aesthetic execution in the development of an idea, theme or subject. They will demonstrate their ability to select and control materials while analytically recording from direct observation and personal experience.

Pre-AICE Art and Design 1- 3D Studies, IGCSE Level

Course No.: 0101375

Credit: 1.0

Prerequisite: Placement in AICE Program and Meet Honors Criteria

The purpose of this course is to enable students to communicate ideas or concepts through the use of design and composition while making critical judgments and showing an appreciation and cultural awareness of the world around them. It is concerned with independent visual perception and aesthetic execution in the development of an idea, theme or subject. They will demonstrate their ability to select and control materials while analytically recording from direct observation and personal experience.

AICE Art and Design- Sculpture AS Level

Course No: 0111340

Prerequisite: Sculpture III and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to communicate and express themselves through visual perception and aesthetic experiences. In addition, students should learn to relate these skills to an enhanced knowledge of their own and other cultures, past and present, and an appreciation of practical design problems.

Ceramics/Pottery I

Course No.: 0102300

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to recognize the properties, possibilities and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using basic hand-building techniques.

Ceramics/Pottery II

Course No.: 0102310

Prerequisite: Ceramics/Pottery I and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to recognize the properties, possibilities and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using intermediate-level hand-building and basic wheel-throwing techniques.

Ceramics/Pottery III Honors

Course No.: 0102320

Prerequisite: Ceramics/Pottery II and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to recognize the properties, possibilities and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using advanced hand-building and intermediate-level wheel-throwing and firing techniques.

Digital Art Imaging 1

Course No.: 0108370

Credit: 1.0

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth.

Digital Art Imaging 2

Course No.: 0108380

Prerequisite: teacher recommendation or Digital Art Imaging 1

Credit: 1.0

Students explore and develop concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional graphic and fine works of art. As they become more adept at using the tools and techniques available to them, students design digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of

their peers to measure artistic growth with increasing sophistication.

Digital Art Imaging 3 Honors

Course No.: 0108390

Credit: 1.0

Prerequisite: teacher recommendation or Digital Art Imaging 1 & 2

Students explore advanced topics through project-based work, becoming more self-directed in their acquisition and use of concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional graphic and fine works of art in print and web formats. As they become more adept at using the tools and techniques available to them, students design and produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication and independence to promote risk-taking in the completion of conceptually based, self-directed work.

AICE Digital Media and Design 1 AS Level

Course No.: 0108400

Credit: 1.0

The Cambridge International A Level Art and Design syllabus considers expression and communication.

Learners gain an understanding of visual perception and aesthetic experience, and the ways in which art and design creates a language of its own. Most of the work is practical or studio based, so that learners can develop their abilities of observation and analysis of the visual world, sensitivity, skill, personal expression and imagination. They also learn how to relate their skills to an enhanced knowledge of their own cultures, past and present, as well as an appreciation of practical design problems.

Advanced Placement (AP) Art – Drawing Portfolio

Course No.: 0104300

Prerequisite: Drawing/Painting II or Portfolio and Teacher Recommendation

Credit: 1.0

The purpose of this course is to give advanced students the opportunity to develop quality, concentration, discipline and breadth in drawing. Students are expected to take a final AP exam.

Drawing 1

Course No: 0104340

Prerequisite: None

Credit: 1.0

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers.

Drawing 2

Course No.: 0104350

Credit: 1.0

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing. Student artists sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers.

Drawing 3 Honors

Course No.: 0104360

Credit: 1.0

Students demonstrate proficiency in the conceptual development of content in drawing to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style. This course incorporates hands-on activities and consumption of art materials.

Pre-AICE Art and Design: Painting and Related Media IGCSE Level

Course No: 0104415

Prerequisite: Drawing/Painting II or Portfolio and Teacher Recommendation

Credit: 1.0

The purpose of this course is to give advanced students the opportunity to develop quality, concentration, discipline and breadth in drawing. Students are expected to take a final AICE exam.

Pre-AICE Art and Design: Graphic Communication IGCSE Level

Course No: 0106315

Prerequisite: Digital Art Imaging II or Portfolio and Teacher Recommendation

Credit: 1.0

The purpose of this course is to give advanced students the opportunity to develop quality, concentration, discipline and breadth in graphic arts and communication. Students are expected to take a final AICE exam.

Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

Film 1

Course No: 0107410

Credit: 1.0

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. The instructional focus will be on film. Students produce digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth.

Film 2

Course No.: 0107420

Credit: 1.0

Students explore and develop concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional animations. The instructional focus will be on film. As they become more adept at using the tools and techniques available to them, students design digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication.

International Baccalaureate Film Studies 1

Course No.: 0107470

Credit: 1.0

The purpose of this course is to enable the student, through the study and analysis of film texts and exercises in film-making, to explore film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film.

International Baccalaureate Film Studies 2

Course No.: 0107472

Credit: 1.0

The purpose of this course is to enable the student, through the study and analysis of film texts and exercises in film-making, to explore film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film.

International Baccalaureate Film Studies 3

Course No.: 0107474

The purpose of this course is to enable the student, through the study and analysis of film texts and exercises in film-making, to explore film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film.

Creative Photography I

Course No.: 0108310

Prerequisite: None

Credit: 1.0

Students explore the aesthetic foundations of art making using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. Students become familiar with the basic

mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for display, and evaluating a successful print. Student photographers may use a variety of media and materials, such as 35mm black and white film, single lens reflex camera, digital camera, darkroom, computer application, filters, various papers, digital output, photogram, cyanotypes, Sabatier effect, and pinhole photography. Craftsmanship and quality are reflected in the surface of the prints and the care of the materials. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.



Creative Photography II

Course No.: 0108320

Prerequisite: Creative Photography I

Credit: 1.0

Students experiment with a variety of photographic media and techniques, and make connections with historical and contemporary photographers to develop a focused body of work. This course may include, but is not limited to, researching the history of photography, making connections to contemporary and community photographers, critiquing with varied techniques, and experimenting with a variety of photographic media. Processes and techniques include, but are not limited to, handcrafted pinhole cameras, hand-tinted photographs, mixed media, cyanotypes, medium format, photo collage, cross-processing, creative filters, infrared and slide film, night photography, macro, panoramic, and/or digital output via a variety of media. Craftsmanship and quality are reflected in the surface of the prints, care of the materials, attention to compositional conventions, and expression of ideas and feelings. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Creative Photography III Honors

Course No.: 0108330

Prerequisite: Creative Photography II

Credit: 1.0

Students lead a focused investigation of a subject matter from ideation to completion. Students select a theme, develop a concept, and prepare the work for public viewing, portfolio, distribution, and/or exhibit. This course may include, but is not limited to, research, collaboration, installation, history of photography, making connections to contemporary and community photographers, and critiquing with varied techniques. Processes, techniques, and media may include, but are not limited to, video, film, high speed photography, studio lighting, flash, long exposure, formal portraiture, large format, HDR, RAW processing, and digital output on a variety of media, including non-traditional materials. Craftsmanship and quality are reflected in the surface of the print, care of the materials, attention to compositional conventions, the display setting, and expression of ideas and feelings. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Portfolio Development: Drawing-Honors

Course No.: 0109310

Prerequisite: Teacher Recommendation

Credit: 1.0

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth. Students regularly reflect on aesthetics and art issues individually and as a group, and focus on expressive content that is progressively more innovative and representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking.

Portfolio Development: Two-Dimensional Design-Honors

Course No.: 0109320

Prerequisite: Teacher Recommendation

Credit: 1.0

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, mixed media, traditional photography, digital photography, and/or new media and emerging technologies that demonstrate understanding of design principles as applied to a 2-dimensional surface. Students regularly reflect on aesthetics and art issues individually and as a group, and manipulate the structural elements of art and organizational principles of design to create 2-dimensional works of art that are progressively more innovative and representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking.

Portfolio Development: Three-Dimensional Design-Honors

Course No.: 0109330

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to study and produce a variety of sophisticated, original and creative two- and three-dimensional works of art.

Advanced Placement (AP) Studio Art: 2-D Design Portfolio

Course No.: 0109350

Prerequisite: Teacher Recommendation

Credit: 1.0

This Advanced Placement course is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The course is for the advanced student who wishes to seek AP credit through submitting a portfolio of work for consideration by the College Board.

Advanced Placement (AP) Studio Art: 3D Design

Course No.: 0109360

Prerequisite: Teacher Recommendation

Credit: 1.0

This Advanced Placement course is intended to address a very broad interpretation of sculptural issues in three-dimensional (3-D) design. Such elements and concepts may be articulated through additive, subtractive and/or fabrication processes. It is for the advanced student who wishes to seek AP credit through submitting a portfolio of work for consideration by the College Board.

Sculpture I

Course No.: 0111310

Prerequisite: Teacher Recommendation

Credit: 1.0

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Media may include, but are not limited to, clay, wood, plaster, and paper maché with consideration of

workability, durability, cost, toxicity of the used. Student consider the relationship of (i.e., hand-held, human, monumental)



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and
media
artists
scale

through the use of positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the sculpture studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Sculpture II

Course No.: 0111320

Prerequisite: Teacher Recommendation

Credit: 1.0

Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Media may include, but are not limited to, clay, wood, metal, plaster, paper maché, and plastic with consideration of the workability, durability, cost, and toxicity of the media used. Sculpture artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted

representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the sculpture studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Sculpture III Honors

Course No.: 0111330

Prerequisite: Sculpture II and Teacher Recommendation

Credit: 1.0

Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Sculpture artists experiment with processes, techniques, and media. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the sculpture studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Florida's Preliminary International Baccalaureate Art 1 (Pre IB)

Course No.: 0114800

Prerequisite: Placement in Pre IB Program

Credit: 1.0

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture.

International Baccalaureate Art 1-B/Design (Research) Subsidiary Level –

Course No.: 0114820

Prerequisite: Placement in IB Program

Credit: 1.0

Students make art through a process of investigation, thinking critically and experimenting with techniques. Students apply identified techniques to their own developing work.

International Baccalaureate Visual Arts 2

Course No.: 0114825

Credit: 1.0

Students will be involved research and understanding of art from a variety of contexts and traditions; make artwork through the exploration and acquisition of skills, techniques, and processes through a variety of media and methods. Students analyze and compare artworks, objects or artifacts by different artists. This independent critical and contextual investigation should explore artworks, objects and artifacts from differing cultural contexts.

**International Baccalaureate Art 2-B/Design (Research)
Subsidiary Level –**

Course No.: 0114830

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture.

International Baccalaureate Visual Arts 3

Course No.: 0114835

Credit: 1.0

Students will be involved research and understanding of art from a variety of contexts and traditions; make artwork through the exploration and acquisition of skills, techniques, and processes through a variety of media and methods. Students analyze and compare artworks, objects or artifacts by different artists. This independent critical and contextual investigation should explore artworks, objects and artifacts from differing cultural contexts.

SJCSD HIGH SCHOOL COURSE DESCRIPTIONS
COMPUTER EDUCATION

Advanced Placement Computer Science A

Course No: 0200320

Credit: 1.0

AP Computer Science A is an introductory course in computer science. The major theme of the course is problem solving.

Advanced Placement Computer Science Principles

Course No: 0200335

Credit: 1.0

Students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends.



SJCS HIGH SCHOOL COURSE DESCRIPTIONS

DANCE

Dance Techniques I

Course No.: 0300310

Prerequisite: None

Credit: 1.0

Students in this year-long, entry-level course, designed for those having no prior dance instruction, learn foundational skills in two or more dance styles. Their development of fundamental dance technique is enriched and enlivened through study of works by a variety of diverse artists, developing genre-specific movement vocabulary and dance terminology, and building knowledge and skills related to somatic practices, dance composition, analysis of effort and outcomes, dance history and culture, collaborative work, and rehearsal and performance protocols.

Dance Techniques II

Course No.: 0300320

Prerequisite: Dance Techniques I and Teacher Recommendation

Credit: 1.0

Students in Dance Techniques II, a year-long course, build on previously acquired knowledge and fundamental technical skills in two or more dance forms, focusing on developing the aesthetic quality of movement in the ensemble and as an individual.

Dance Techniques III Honors

Course No.: 0300330

Prerequisite: By Audition

Credit: 1.0

Students in this year-long, intermediate-level course, designed for dancers who have mastered the basics in two or more dance forms, build technical and creative skills with a focus on developing the aesthetic quality of movement in the ensemble and as an individual.

Dance Techniques IV Honors

Course No.: 0300334

Prerequisite: Dance Tech III and Teacher Recommendation

Credit: 1.0

Students in this year-long, intermediate-level course, designed for dancers who have mastered the basics in two or more dance forms, build technical and creative skills with a focus on developing the aesthetic quality of movement in the ensemble and as an individual.

Ballet I

Course No.: 0300340

Prerequisite: By Audition

Credit: 1.0

Students learn basic classical dance techniques and terminology associated with the traditional class structure of ballet. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Ballet II

Course No.: 0300350

Prerequisite: By Audition

Credit: 1.0

Students develop intermediate-level classical dance techniques and terminology associated with the traditional class structure of ballet. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Ballet III

Course No.: 0300360

Prerequisite: By Audition

Credit: 1.0

Students broaden their classical dance techniques and terminology associated with the traditional class structure of ballet. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Ballet IV Honors

Course No.: 0300370

Prerequisite: By Audition

Credit: 1.0

Students are challenged in their application of classical dance techniques and terminology associated with the traditional class structure of ballet. Students may have an opportunity to explore contemporary ballet concepts of movement, as well. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Dance Choreography/Performance I

Course No.: 0300380

Prerequisite: By Audition

Credit: 1.0

Students explore key concepts of dance making with a focus on improvisation, composition, and choreographic processes and principles. Students study the works and creative techniques of highly respected choreographers in varied performance genres. They also examine the social, political, and cultural forces that influenced significant or exemplary works, and consider the innovations that came out of them. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Dance Choreography/Performance II

Course No.: 0300390

Prerequisite: Meet Honors Criteria, By Audition

Credit: 1.0

Students explore key concepts of designing dance works with a focus on improvisation, composition, and choreographic processes and principles. Students study the works and creative techniques of highly respected choreographers in varied performance genres as guidance and a source of inspiration. They also examine the social, political, and cultural forces that influenced their works, and consider the innovations that came out of them. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend,

and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Dance Repertory I

Course No.: 0300400

Prerequisite: By Audition

Credit: 1.0

Students study the historical works of professional choreographers in one or more genres, such as ballet, modern, jazz, or other traditional dance forms. Students learn to understand and apply each choreographer's movement design and artistic intent, respecting the work as each choreographer's intellectual property, and gain skills for group and self-assessment, analysis, and problem solving. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Dance Repertory II

Course No.: 0300410

Prerequisite: By Audition

Credit: 1.0

Students study the historical works of exemplary professional choreographers in one or more genres, learning to understand and apply each choreographer's movement design and artistic intent, and respecting the work as each choreographer's intellectual property. Students learn about Narrative, Literal, Non-Literal and Abstract dances, gaining skills for group and self-assessment, analysis, and problem solving. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Dance Repertory III Honors

Course No.: 0300420

Prerequisite: By Audition

Credit: 1.0

Students study the historical works of professional choreographers in one or more genres, learning to understand, apply, and respect each choreographer's

movement design, artistic intent, and intellectual property. Students expand on Narrative, Literal, Non-Literal and Abstract dance, refining skills for group and self-assessment, analysis, and problem solving. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Dance Repertory IV Honors

Course No.: 0300430

Prerequisite: By Audition

Credit: 1.0

Students study the historical background and works of professional choreographers in one or more genres, and have the ability to apply, and respect each choreographer's movement design, artistic intent, and intellectual property. Students may demonstrate Narrative, Literal, Non-Literal and Abstract dance, advancing skills for group and self-assessment, analysis, and problem solving. Dancers assess their skills and techniques in the context of careers in theatrical, commercial and concert dance. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

International Baccalaureate Dance 1

Course No.: 0300655

Credit: 1.0

The purpose of this course is to offer students the opportunity to build on prior experience in dance while encouraging a broad approach to the subject. Supporting the principles of the IB mission statement, which aims to foster student appreciation of diverse world cultures and traditions, the course allows the possibility to choose a specific dance style to study in depth.

International Baccalaureate Dance 2

Course No.: 0300660

Credit: 1.0

The course focuses on the composition, performance and analysis of dance, or expressive movement," which is practiced amongst peoples of various backgrounds, and for a variety of purposes, throughout the planet. Students create, participate in, and reflect upon dance forms and styles from a range of cultures and traditions, both familiar and unfamiliar.



SJCS D HIGH SCHOOL COURSE DESCRIPTIONS
DRAMA – THEATRE ARTS

Introduction to Drama

Course No.: 0400300

Prerequisite: None

Credit: 1.0

Students explore various performance, technical, and administrative aspects of theatre. Students learn about basic characterization through physical activity, reading selected theatre literature, reading and writing theatrical reviews, and analysis of such tools as scripts, costuming, and theatrical makeup. Public performances may serve as a resource for specific instructional goals. Students may be expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

Theatre I

Course No.: 0400310

Prerequisite: None

Credit: 1.0

This course is designed for students with little or no theatre experience, and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art.

Theatre II

Course No.: 0400320

Prerequisite: Drama I, Teacher Recommendation and Audition.

Credit: 1.0

This course is designed for students with a year of experience or more, and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theatre; while improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work.

Theatre III Honors

Course No.: 0400330

Prerequisite: Drama II and Teacher Recommendation

Credit: 1.0

This course is designed for students with significant experience in theatre, and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

Theatre IV Honors

Course No.: 0400340

Prerequisite: Drama III and Teacher Recommendation

Credit: 1.0

This course is designed for students with extensive experience in theatre, and promotes significant depth of engagement and lifelong appreciation for theatre through a broad spectrum of primarily self-directed study and performance. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of sophisticated oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

Pre-AICE Drama

Course No.: 0400345

Prerequisite: None

Credit: 1.0

The purpose of this course is to develop student understanding of drama through practical and theoretical study.

Acting I

Course No.: 0400370

Prerequisite: Drama I, Teacher Recommendation and Audition

Credit: 1.0

Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Acting II

Course No.: 0400380

Prerequisite: Acting I, Teacher Recommendation and Audition

Credit: 1.0

Students examine the various dimensions of characters through analysis, discussion, and classroom performance, working with scripts from a variety of time periods and cultures. They learn to break down a scene from a character's point of view, and also learn to sustain a character and build the relationship between actor and audience. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Acting III

Course No.: 0400390

Prerequisite: Acting II, Teacher Recommendation and Audition

Credit: 1.0

Students focus on development of significant acting skills and knowledge of the actor's literature, compiling a working actor's portfolio for exhibition and/or the interview process. They research potential job opportunities in the film, television, game animation, and theatre industries, as well as scholarships and opportunities available at the university level. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Acting IV Honors

Course No.: 0400400

Prerequisite: Acting III, Teacher Recommendation and Audition

Credit: 1.0

Students create characters for theatrical and film/video productions through scene, character, and technical analysis. Through improvisation, script writing, and aesthetic creation and collaboration, actors refine their working knowledge and independent thought, articulating and justifying their creative choices. Students' "critical eye" becomes more developed and significant mastery of artistic choices becomes evident. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Technical Theatre: Design and Production for Scenery and Props

Course No.: 0400407

Credit: 1.0

Students learn the basic tools and procedures for designing and creating scenery and properties (props). Students learn the conventions of design presentation and documentation, the organizational structure of theatre production and creative work in a collaborative environment. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day.

Technical Theatre: Design and Production for Lighting and Sound

Course No.: 0400408

Credit: 1.0

Students learn the tools and procedures for designing and creating the lighting and sound needs for productions. Students analyze dramatic scripts to find production solutions. Students learn the conventions of design presentation and documentation, the organizational structure of theatre production and creative work in a collaborative environment. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day.

Technical Theatre: Design and Production for Costume, Makeup and Hair

Course No.: 0400409

Credit: 1.0

Students learn the basic tools and procedures for designing and creating costumes, hair, and makeup. Students learn the conventions of design presentation and documentation, the organizational structure of theatre production and creative work in a collaborative environment. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day.

Technical Theatre Design & Production I

Course No.: 0400410

Prerequisite: Drama I or Teacher Recommendation

Credit: 1.0

Students create characters for theatrical and film/video productions through scene, character, and technical analysis. Through improvisation, script writing, and aesthetic creation and collaboration, actors refine their working knowledge and independent thought, articulating and justifying their creative choices. Students' "critical eye" becomes more developed and significant mastery of artistic choices becomes evident. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Technical Theatre Design & Production II

Course No.: 0400420

Prerequisite: Technical Theatre Design & Production I and Teacher Recommendation

Credit: 1.0

Students focus on the design and safe application of basic tools and procedures to create elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Students develop assessment and problem-solving skills; the ability to connect selected literature to a variety of cultures, history, and other content areas. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

Technical Theatre Design & Production III

Course No.: 0400430

Prerequisite: Technical Theatre Design & Production II and Teacher Recommendation

Credit: 1.0

Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre. Student designers and technicians assemble a portfolio that showcases a body of work representing artistic growth over time; growing command of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

Technical Theatre Design & Production IV Honors

Course No.: 0400440

Prerequisite: Meet Honors Criteria, Stagecraft III and Teacher Recommendation (Acting IV or audition – SAHS)

Credit: 1.0

Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. Students analyze increasingly more sophisticated theatre literature to inform the work of developing technical design and production pieces for one-acts or a larger production. Students assemble a portfolio that showcases an extensive body of work representing personal vision and artistic growth over time. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Theatrical Direction and Stage Management 1

Course No.: 0400500

Credit: 1.0

Students learn to select, organize, and mount formal and informal staged productions by exploring the roles of director and stage manager. Students focus on the effect of the director's concept on the production; vocabulary and principles of the various elements; techniques used to create an effective theatre work; and basic knowledge of staging. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day.

Theatrical Direction and Stage Management 2

Honors

Course No.: 0400510

Credit: 1.0

Students execute the responsibilities of director or stage manager. Coursework includes, but is not limited to, play selection; justification, analysis, and the formation of a directorial concept; assembling a prompt book; assembling a cast, production team, and tech crew; effective team-building and communication; and planning and running rehearsals. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day.

Musical Theatre I

Course No.: 0400700

Prerequisite: Drama 1, "C" or above, Teacher Recommendation

Credit: 1.0

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. Students extend their dance and movement techniques required to sing and dance at the same time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre II

Course No.: 0400710

Prerequisite: Musical Theatre I, "C" or above, Teacher Recommendation

Credit: 1.0

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. Students extend their dance and movement techniques required to sing and dance at the same time. Public performances may serve as a culmination of specific instructional goals. Students may be required to

attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre III

Course No.: 0400720

Prerequisite: Musical Theatre II, "C" or above, Teacher Recommendation

Credit: 1.0

Students refine their audition techniques and performance/audition portfolio, and consider the contributions of musical theatre in the community and beyond. Students select a number of pieces to showcase their abilities and become conversant about individuals who, currently and in the past, are considered major contributors to the field. Students refine their dance and movement techniques required to sing and dance for long periods of time in rehearsals and performance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

International Baccalaureate (IB) Theatre I

Course No.: 0400810

Prerequisite: Drama II, "C" or Above, Teacher Recommendation and Participation in IB Program

Credit: 1.0

This course will cover theatre in a multi-cultural, social and historical context, emphasizing the practical aspect of theatre arts. Students will analyze theatrical design, acting and vocal theory, dramatic literature and develop individual performance skills.

International Baccalaureate (IB) Theatre II

Course No.: 0400820

Prerequisite: Theatre I: International Baccalaureate, "C" or above, Teacher Recommendation and Participation in IB Program

Credit: 1.0

This course will cover theatre in a multi-cultural, social and historical context, emphasizing the practical aspect of theatre arts. Students will analyze theatrical design, acting and vocal theory, dramatic literature and develop individual performance skills. They will apply these techniques independently and will create a research project.

Theater History and Literature I

Course No: 0400350

Prerequisite: None

Credit: 1.0

Students' coursework focuses on the origins of western Renaissance period. Students research and investigate the dramatic forms and practices of the times through the reading and analysis of plays and related literature. Public performances may serve as a resource for specific instructional goals. Students may be expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

IB Theatre 3

Course No.: 0400830

Credit: 1.0

The subjects in the arts allow a high degree of adaptability to different cultural contexts. The emphasis is on creativity in the context of disciplined, practical research into the relevant genres. Each subject is designed to foster critical, reflective and informed practice, help students understand the dynamic and changing nature of the arts, explore the diversity of arts across time, place and cultures, and express themselves with confidence and competence.



EXCEPTIONAL STUDENT EDUCATION

Therapeutic Instructional Support

Course No.: 7900010

Credit: Multiple

The purpose of this course is to provide instructional support for student with disabilities who require counseling and mental health treatment in either individual or small group settings in order to achieve the Annual Goals and Short-Term Objectives or Benchmarks specified in the student's Individual Educational Plan (IEP).

Hospital/Homebound Instructional Services

Course No.: 7900030

Credit: Multiple

The purpose of this course is to enable students with disabilities to acquire skills when served in a hospital or homebound setting in order to achieve the Annual Goals and Short-Term Objectives or Benchmarks specified in the student's Individual Educational Plan (IEP).

Access English 1

Course No: 7910120

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access English 2

Course No: 7910125

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access English 3

Course No: 7910130

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of

complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access English 4

Course No: 7910135

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access Liberal Arts Math

Course No: 7912070

Credit: Multiple

This course is designed to strengthen student skills in mathematics before continuing study in the academic sequence.

Access Algebra 1A

Course No: 7912080

Credit: Multiple

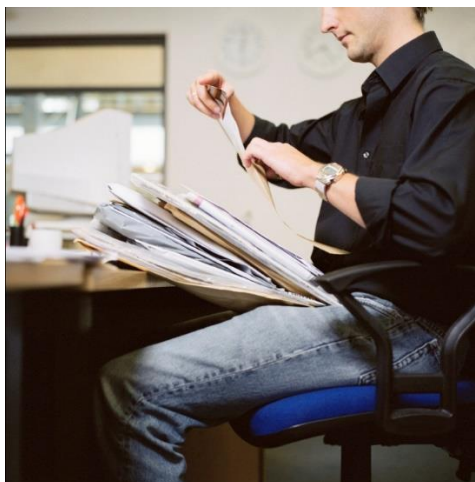
The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems.

Access Algebra IB

Course No: 7912090

Credit: Multiple

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems. This is the second of a two year sequence of courses, Algebra Ia and Algebra Ib.



to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Access Earth/Space Science

Course No: 7920020

Credit: Multiple

The purpose of this course is to provide a general knowledge of the concepts of earth and space science to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Specially Designed Physical Education

Course No.: 7915010

Credit: Multiple

The purpose of this course is to provide opportunities for students with disabilities to develop motor skills and to participate in various physical activities that may be modified to meet individual needs.

Access Hope

Course No.: 7915015

Credit: Multiple

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access Chemistry I

Course No: 7920011

Credit: Multiple

The purpose of this course is to provide a general knowledge of chemistry to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Access Biology I

Course No: 7920015

Credit: Multiple

The purpose of this course is to provide a general knowledge of biology to enable students with disabilities

Access Physical Science

Course No.: 792022

Credit: 1.0

The purpose of this course is to provide a general knowledge of physical science to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Access Integrated Science

Course No: 7920025

Credit: Multiple

The purpose of this course is to provide a general knowledge of the concepts of life science, physical science and earth science to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Health and Safety: 9-12

Course No.: 7920050

Credit: Multiple

The purpose of this course is to provide knowledge of the concepts of health and safety to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Access United States Government

Course No: 7921015

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access World History

Course No: 7921027

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Career Education: 9-12

Course No.: 7921330

Credit: Multiple

The purpose of this course is to enable students with disabilities to apply the knowledge and skills needed to design and implement personal plans for achieving their desired post-school outcomes. The personal plans may address all critical transition service areas, including instruction, related services, community experiences, employment, post-school adult living, and, if needed, daily living skills and functional vocational evaluation.

Life Management and Transition: 9-12

Course No.: 7960010

Credit: Multiple

The purpose of this course is to enable students with disabilities to apply the knowledge and skills needed to design and implement personal plans for achieving their desired post-school outcomes. These plans will address all critical transition service areas, including instruction, related services, community experiences, employment, post-school adult living, and, if needed, daily living skills and functional vocational evaluation.

Preparation for Post-school Adult Living

Course No.: 7963010

Credit: Multiple

The purpose of this course is to enable students with disabilities to acquire the knowledge and skills needed to prepare for post-school adult living.

Skills for Students who are Deaf or Hard of Hearing

Course No.: 7963040

Credit: Multiple

The purpose of this course is to enhance the acquisition, comprehension, and use of language for students who are deaf or hard of hearing.

Skills for Visually Impaired Students

Course No.: 7963050

Credit: Multiple

The purpose of this course is to provide instruction for students who have visual impairments that affect their ability to function in the home, community or educational setting.

Orientation and Mobility Skills

Course No.: 7963060

Credit: Multiple

The purpose of this course is to provide instruction in skills involving orientation and mobility. Orientation is

the collection and organization of information concerning the environment and one's relationship to it. Mobility is the ability to move efficiently within that environment.

Social and Personal Skills

Course No.: 7963070

Credit: Multiple

The purpose of this course is to provide instruction related to environmental, interpersonal and task-related behaviors of students with disabilities.

Learning Strategies

Course No.: 7963080

Credit: Multiple

The purpose of this course is to provide instruction that enables students with disabilities to acquire and use strategies and skills to enhance their independence as learners in educational and community settings.

Skills for Students who are Gifted

Course No.: 7963090

Credit: Multiple

The purpose of this course is to enable students who are gifted to acquire and apply the knowledge and skills needed to enhance personal and academic achievement.

Studies for Students who are Gifted

Course No.: 7965040

Credit: Multiple

The purpose of this course is to provide appropriately individualized curricula for students who are gifted; develop critical thinking and inquiry skills.

Unique Skills: 9-12

Course No.: 7963130

Credit: Multiple

The purpose of this course is to enable students with disabilities to acquire skills that are needed to achieve the maximum level of independent functioning.

Self-Determination: 9-12

Course No.: 7963140

Credit: Multiple

The purpose of this course is to enable students with disabilities to develop and apply self-determination skills in school, home, community, and work settings. These skills will assist students with achieving their desired school and post-school outcomes, participating actively and effectively in planning meetings, and self-advocating in multiple settings.

Physical Therapy

Course No.: 7966010

Credit: Multiple

The purpose of this course is to provide instruction to students with disabilities who have physically disabling conditions, including sensor motor or neuromuscular deficits that substantially limit one or more major life activities and require adaptation of the school environment or curriculum in order to benefit from an educational program.

Occupational Therapy

Course No.: 7966020

Credit: Multiple

The purpose of this course is to provide instruction to students with disabilities whose physical, motor, or neurological deficits results in significant dysfunction in daily living or academic learning skills to the extent that they require adaptation of the school environment or curriculum in order to benefit from an educational program.

Speech Therapy

Course No.: 7966030

Credit: Multiple

The purpose of this course is to provide students exhibiting communication disorders that negatively impact their ability to benefit from the educational process appropriate instruction in the communication skills necessary for academic learning, social interaction and vocational success.

Language Therapy

Course No.: 7966040

Credit: Multiple

The purpose of this course is provide students exhibiting language disorders that negatively impact their ability to benefit from the educational process appropriate instruction in language skills, both oral and written, necessary for academic learning, social interaction and vocational success.

Visual and Performing Arts

Course No.: 7967010

Credit: Multiple

The purpose of this course is to enable students with disabilities to develop a knowledge and appreciation of the visual and performing arts. There will be particular emphasis on the visual arts.

Career Preparation

Course No.: 7980110

Credit: Multiple

The purpose of this course is to enable students with disabilities to acquire the career knowledge and skills necessary to identify career options, obtain community resources and develop work-related behaviors. The course will provide a foundation for further progress toward achieving the student's desired post-school outcomes related to a career.

Career Experiences

Course No.: 7980120

Credit: Multiple

The purpose of this course is to enable students with disabilities to further develop the career knowledge and skills necessary to identify career options, access community resources, and practice work-related behaviors. The course will provide guided practice and experiences in school and community work situations aimed at further progress toward achieving the student's desired post-school outcomes related to a career.

Career Placement

Course No.: 7980130

Credit: Multiple

The purpose of this course is to enable students with disabilities to use the career knowledge and skills necessary to identify career options, access community resources and apply work-related behaviors. The course



will provide placement in a job in the community aimed at further progress toward achieving the student's desired post-school outcomes related to a career.

Supported Competitive Employment

Course No.: 7980150

Credit: Multiple

The purpose of this course is to enable students with moderate and severe disabilities who are functioning at supported levels to acquire skills necessary for successful individual supported competitive employment.

SJCS D HIGH SCHOOL COURSE DESCRIPTIONS
EXPERIENTIAL EDUCATION

Executive Internship I

Course No.: 0500300

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide a practical introduction to the work environment through direct contact with professionals in the community.

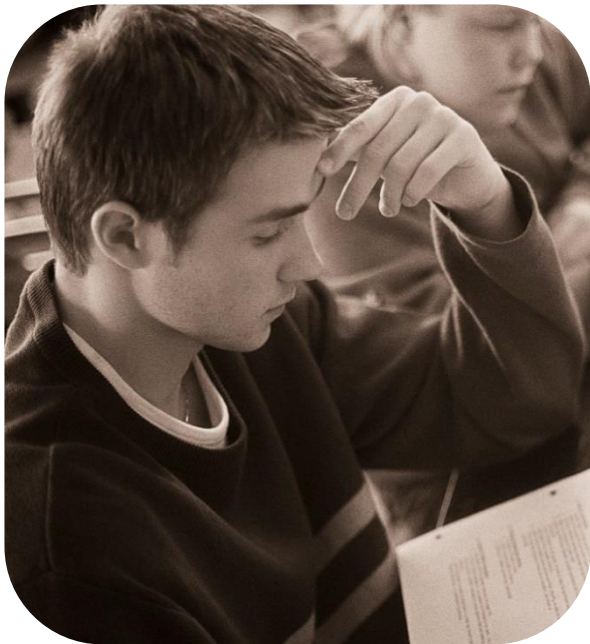
Executive Internship II

Course No.: 0500310

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to supplement the existing curriculum by providing community internships. Students apply textbook learning, leadership skills and understanding in challenging and creative professional areas.



Executive Internship III

Course No.: 0500320

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to further refine and apply technical skills and competencies for leadership within specific professional areas.

Executive Internship IV

Course No.: 0500330

Prerequisite: Teacher Recommendation Credit: 1.0

The purpose of this course is to continue to provide students with an opportunity to apply technical skills and competencies to real-life career processes and settings.

Voluntary Public Service

Course No.: 0500370

Prerequisite: Teacher Recommendation Student must provide off-campus transportation.

Credit: 0.5

The purpose of this course is to develop an appreciation of the concept of service to the community and to develop skills necessary to evaluate the impact of service to others.

Personal, Career, and School Development Skills I

Course No.: 0500500

Prerequisite: None

Credit: 1.0

The purpose of this course is to provide students who have been designated as at-risk of dropping out of high school with an opportunity to experience success in school and improve attitudes and behaviors towards learning, self, school and community. Through enrollment in this class, students (and their families) are connected with public and private health, employment, counseling and social services. The private sector is involved in the collaboration in a variety of ways.

Personal, Career, and School Development Skills II

Course No.: 0500510

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide students who have been designated as at-risk of dropping out of high school with varied experiences in continuing to achieve success in school, personal growth through individual and group processes, and improved attitudes and behaviors towards learning, self, school and community. Through enrollment in this class, students (and their families) are connected with public and private health employment, counseling and social services. The private sector is involved in the collaboration in a variety of ways.

SJCS D HIGH SCHOOL COURSE DESCRIPTIONS

FOREIGN LANGUAGES

French I

Course No.: 0701320

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English I

Credit: 1.0

The purpose of this course is to enable students to begin to acquire proficiency in French through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

French II

Course No.: 0701330

Prerequisite: French I and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.



French III Honors

Course No.: 0701340

Prerequisite: French II and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills. Experiences with French literature are broadened. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

French IV Honors

Course No.: 0701350

Prerequisite: French III and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills. Experiences with French literature are broadened. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

French V Honors

Course No.: 0701360

Prerequisite: French IV and Teacher Recommendation

Credit: 1.0

The purpose of this course is to expand previously acquired skills.

Advanced Placement (AP) French Language

Course No.: 0701380

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to develop oral and written fluency in French. Students are expected to take a final AP exam.

AICE French Language

Course No.: 0701391

Prerequisite: Placement in AICE Program

Credit: 1.0

The purpose of this course is to develop students' ability to understand and communicate confidently and clearly in speech and written language. Students will be encouraged to read widely; to use relevant vocabulary; employ correct grammar, spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences and organize arguments and ideas logically.

AICE French Literature

Course No.: 0701392

Prerequisite: Placement in AICE Program

Credit: 1.0

The purpose of this course is to develop students' ability to present an informed personal response to works of literature read or heard confidently and clearly in written language. Students will be encouraged to read widely; to use relevant vocabulary; to employ correct grammar,

spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences, and organize arguments and ideas logically.

Pre AICE French Language I

Course No.: 0701394

Prerequisite: Placement in AICE Program

Credit: 1.0

Pre-AICE French Language I covers the first half of the International General Certificate of Secondary Education (IGCSE) syllabus written and administered by the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in French through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

Pre AICE French Language II

Course No.: 0701396

Prerequisite: Pre AICE French Language I and Placement in AICE Program

Credit: 1.0

Pre-AICE French Language II covers the second half of the International General Certificate of Secondary Education (IGCSE) syllabus written and administered by the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in French through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

French I – Preliminary Baccalaureate (Pre IB)

Course No.: 0701800

Prerequisite: Placement in Pre IB Program

Credit: 1.0

The purpose of this course is to introduce students to French and French culture and to develop communication skills and cross-cultural understanding.

French II – Preliminary Baccalaureate (Pre IB)

Course No.: 0701810

Prerequisite: French I Pre IB and placement in PreIB Program.

Credit: 1.0

The purpose of this class is to expand previously acquired skills. Students will expand vocabulary and conversational skills through discussions based on

reading and strengthen grammar skills through analysis of reading selections.

French III – Preliminary Baccalaureate (Pre IB)

Course No.: 0701820

Prerequisite: French II Pre IB and placement in Pre IB Program.

Credit: 1.0

The purpose of this course is to expand previously acquired skills, including advanced language structures, idiomatic expressions. The course will emphasize conversational skills and vocabulary for practical purposes.

French IV– Language B - International Baccalaureate (IB)

Course No.: 0701830

Prerequisite: French III Pre IB and placement in Pre IB Program.

Credit: 1.0

The purpose of this course is to expand previously acquired skills and to prepare students to take the International Baccalaureate Language B Exam in French at the subsidiary level.

Latin I

Course No.: 0706300

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English I

Credit: 1.0

The purpose of this course is to introduce students to fundamental Latin vocabulary and grammar and to classical culture.

Latin II

Course No.: 0706310

Prerequisite: Latin I and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to enhance their proficiency in the foundations of Latin vocabulary and grammar and to expand their knowledge of classical culture.

Latin III Honors

Course No.: 0706320

Prerequisite: Latin II and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to enhance their proficiency in the foundations of Latin vocabulary and grammar and to expand their knowledge of classical culture.

Latin IV Honors

Course No.: 0706330

Prerequisite: Latin III and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to enhance their proficiency in the foundations of Latin vocabulary and grammar and to expand their knowledge of classical culture.

Latin V Honors

Course No.: 0706340

Prerequisite: Latin IV and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide Latin students with an opportunity to expand their knowledge of Roman literature and culture, especially through the study of Roman drama.

Advanced Placement (AP) Latin: Latin Literature

Course No.: 0706360

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to progress in reading, understanding and interpreting Latin in the original. Students are expected to take a final AP exam.

Advanced Placement (AP) Latin: Vergil

Course No.: 0706370

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to progress in reading, understanding and interpreting Latin in the original. Students are expected to take a final AP exam.

Pre AICE Latin I

Course No.: 0706382

Prerequisite: Placement in AICE Program

Credit: 1.0

The purpose of this course is to enable students to acquire proficiency in Latin through a linguistic, communicative and cultural approach to language learning. This course shall also provide an understanding of some of the elements of Roman civilization, literature and language which have had an influence on Western civilization. Through imagination and experience, the student will consider a range of aesthetic, ethical, linguistic, political, religious and social issues. In this course, the study of Latin prose and verse literature, in its social and historical context, receives the same emphasis as the study of the Latin language.

Pre AICE Latin II

Course No.: 0706384

Prerequisite: Pre-AICE Latin II

Credit: 1.0

The purpose of this course is to enable students to acquire proficiency in Latin through a linguistic, communicative and cultural approach to language learning. This course shall provide an understanding of some of the elements of Roman civilization, literature and language which have had an influence on Western civilization. Through imagination and experience, the student will consider a range of aesthetic, ethical, linguistic, political, religious and social issues. In this course, the study of Latin prose and verse literature, in its social and historical context, receives the same emphasis as the study of the Latin language.

Spanish I

Course No.: 0708340

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English I

Credit: 1.0

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish II

Course No.: 0708350

Prerequisite: Spanish I and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to enhance proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish III Honors

Course No.: 0708360

Prerequisite: Spanish II and Teacher Recommendation

Credit: 1.0

The purpose of this course is to strengthen the student's proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing

skills. Emphasis is placed on oral proficiency. Experiences with Spanish literature are broadened. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish IV Honors

Course No.: 0708380

Prerequisite: Spanish III and Teacher Recommendation

Credit: 1.0

Spanish 4 expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

Advanced Placement (AP) Spanish Language and Culture

Course No.: 0708400

Credit: 1.0

This course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness.

Pre AICE Spanish Language I

Course No.: 0708532

Prerequisite: Placement in AICE Program

Credit: 1.0

Pre-AICE Spanish Language covers the first half of the International General Certificate of Secondary Education (IGCSE) Language (Spanish) syllabus written and administered by the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar. S

Pre AICE Spanish Language II

Course No.: 0708534

Prerequisite: Spanish language I and Placement in AICE Program

Credit: 1.0

Pre-AICE Spanish Language is the second course in the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in Spanish

through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

AICE Spanish Literature

Course No.: 0708540

Prerequisite: Placement in AICE Program

Credit: 1.0

The purpose of this course is to develop students' ability to present an informed personal response to works of literature read or heard confidently and clearly in written language. Students will be encouraged to read widely; to use relevant vocabulary; employ correct grammar, spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences and organize arguments and ideas logically.

Spanish I – Preliminary International Baccalaureate (Pre IB)

Course No.: 0708800

Prerequisite: Placement in Pre IB Program

Credit: 1.0

The purpose of this course is to introduce students to Spanish and Hispanic cultures and to develop communication skills and cross-cultural understanding.

Spanish II – Preliminary International Baccalaureate (Pre IB)

Course No.: 0708810

Prerequisite: Placement in Pre IB Program

Credit: 1.0

The purpose of this course is to expand previously acquired skills.

Spanish III– Preliminary International Baccalaureate (Pre IB)

Course No.: 0708820

Prerequisite: Placement in Pre IB Program

Credit: 1.0

The purpose of this course is to expand previously acquired skills.

Spanish IV– Language B – International Baccalaureate (IB)

Course No.: 0708830

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to expand previously acquired skills and to prepare students to take the International Baccalaureate Language B exam in Spanish at the subsidiary level.

Spanish V International Baccalaureate (IB)

Course No.: 0708840

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to expand previously acquired skills and to prepare students to take the International Baccalaureate Language B exam in Spanish at the higher level.

Spanish for Spanish Speakers I

Course No.: 0709300

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired.

Spanish for Spanish Speakers II

Course No.: 0709310

Prerequisite: Spanish for Spanish Speakers 1

Credit 1.0

The purpose of Spanish for Spanish Speakers 2 is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and expanding skills in listening, speaking, reading, and writing, as well as Spanish grammar skills acquired in Spanish for Spanish Speakers. Students are exposed to a variety of Spanish literary genres and authors to enable them to become literate in Spanish and gain a better understanding of the nature of their own language as well as other languages to be acquired.

Spanish for Spanish Speakers III

Course No.: 0709320

Prerequisite: Spanish II and/or Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better

understanding of the nature of their own language as well as other languages to be acquired.

Spanish for Spanish Speakers IV

Course No.: 0709330

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired.

Chinese I

Course No.: 0711300

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to begin to acquire proficiency in Mandarin Chinese through a linguistic, communicative and cultural approach to language learning.

Chinese II

Course No.: 0711310

Prerequisite: Chinese I

Credit: 1.0

The purpose of this course is to enable students to continue to acquire proficiency in Mandarin Chinese through a linguistic, communicative and cultural approach to language learning.

Chinese III

Course No. 0711320

Prerequisite: Chinese II

Credit: 1.0

The purpose of this course is to enable students to enhance proficiency in Chinese through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills. Experiences with Chinese literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

Chinese IV

Course No. 0711330

Prerequisite: Chinese III

Credit: 1.0

The purpose of this course is to enable students to attain proficiency in Chinese near that of a native language speaker through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills.

Experiences with Chinese literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course. This course is designed primarily for students who are expected to meet the same language requirements as students in the country where the language is spoken.

Advanced Placement – Chinese Language

Course No: 0711340

Prerequisite: Meet Honors Criteria

Credit: 1.0

The purpose of this course is to enable students to begin to acquire proficiency in Chinese through a linguistic, communicative and cultural approach to language.

American Sign Language I

Course No.: 0717300

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English I

Credit: 1.0

The purpose of this course is to teach hearing students basic conversational skills in American Sign Language (ASL) and awareness of various aspects of deafness. ASL I may be substituted for the foreign language university requirement.

American Sign Language II

Course No.: 0717310

Prerequisite: ASL I and Teacher Recommendation

Credit: 1.0

The purpose of this course is to further develop students' knowledge of American Sign Language (ASL).

ASL II may be substituted for the foreign language university requirement.

American Sign Language III Honors

Course No.: 0717312

Prerequisite: ASL II and Teacher Recommendation

Credit: 1.0

The purpose of this course is to prepare a hearing student, who has successfully completed ASL I and II, with information and advanced skill development in ASL. This new information and advanced skill will prepare the student to sit for the State of Florida Quality Assurance (QA) exam. The content shall include specialized vocabulary (medical, legal, education, etc.), grammatical features of ASL, receptive and expressive skill development.

American Sign Language IV Honors

Course No.: 0717314

Prerequisite: ASL III and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to further develop advanced skills in American Sign Language through a linguistic, communicative, and cultural approach to language acquisition. Emphasis is placed on receptive and expressive signing, applied grammar, cross-cultural understanding, and real-life applications.



SJCSJ HIGH SCHOOL COURSE DESCRIPTIONS

HUMANITIES

Humanities I (to 1500) Honors

Course No.: 0900310

Prerequisite: Meet Honors Criteria

Credit: 0.5

The purpose of this course is to enable students to examine, understand and respond to creative efforts of individuals and societies through the interdisciplinary study of literature and visual and performing arts from early civilizations to 1500.

Humanities II (from 1500) Honors

Course No.: 0900320

Prerequisite: Humanities I and Meet Honors Criteria

Credit: 0.5

The purpose of this course is to examine and respond to man's creative efforts and his world from the post-Renaissance through the contemporary period.

Theory of Knowledge – International Baccalaureate (IB)

Course No.: 0900800

Credit: 1.0

Prerequisite: Placement in IB Program

The purpose of this course is to make explicit through analysis, comparison and interdisciplinary integration, the concepts of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, history, and in moral, political and aesthetic judgments.

Theory of Knowledge 2 – International Baccalaureate (IB)

Course No.: 0900810

Credit: 1.0

The purpose of this course is to make explicit through analysis, comparison and interdisciplinary integration, the concepts of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, history, and in moral, political and aesthetic judgments. Theory of knowledge (TOK) is assessed through an oral presentation and a 1,600-work essay.



SJCSD HIGH SCHOOL COURSE DESCRIPTIONS

LANGUAGE ARTS

Intensive Language Arts

Course No.: 1000400

Prerequisite: Administrative Placement Credit: Multiple

The purpose of this course is to provide remedial instruction and practice in communication skills.

Intensive Reading

Course No.: 1000410

Prerequisite: Administrative Placement Credit: Multiple

The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Writing for College Success

Course No. 1009370

Prerequisite: 3 credits in language arts, and in 12th grade

Credit: 0.5

This course is recommended for 12th graders who do not meet the “college ready” scores on the state approved assessments (CPT, ACT, SAT)

***English I**

Course No.: 1001310

Prerequisite: None

Credit: 1.0

The purpose of this course is to build upon previous years’ language arts experiences, emphasizing a survey of literary genres, the writing process, reading strategies, study skills and vocabulary development.

***English Honors I**

Course No.: 1001320

Prerequisite: Meet Honors Criteria

Credit: 1.0

The purpose of this course is to build upon previous years’ language arts experiences through accelerated, in-depth studies emphasizing a survey of literary genres, writing process, reading strategies, study skills and vocabulary development.

***English II**

Course No.: 1001340

Prerequisite: English I

Credit: 1.0

The purpose of this course is to build upon previous years’ language arts experiences emphasizing a survey of world literature, advanced reading strategies, modes of

writing including expository, persuasive, narrative and descriptive.

***English Honors II**

Course No.: 1001350

Prerequisite: English I and Meet Honors Criteria

Credit: 1.0

The purpose of this course is to build upon previous years’ language arts experiences through accelerated, in-depth studies emphasizing a survey of world literature, advanced reading strategies, modes of writing including expository, persuasive, narrative and descriptive.

***English III**

Course No.: 1001370

Prerequisite: English II

Credit: 1.0

The purpose of this course is to build upon previous years’ language arts experiences and to emphasize the research process and a survey of American literature.

***English Honors III**

Course No.: 1001380

Prerequisite: English II and Meet Honors Criteria

Credit: 1.0

The purpose of this course is build upon previous years’ language arts experiences through accelerated, in-depth studies emphasizing the research process and a survey of American literature.

***English IV**

Course No.: 1001400

Prerequisite: English III

Credit: 1.0

The purpose of this course is to build upon previous years’ language arts experiences and to emphasize a survey of British literature and post-secondary writing applications.

***English Honors IV**

Course No.: 1001410

Prerequisite: English III and Meet Honors Criteria

Credit: 1.0

The purpose of this course is to build upon previous years’ language arts experiences through accelerated, in-depth studies emphasizing a survey of British literature and post-secondary writing applications.

***The English courses of St. Johns County each incorporate the language arts strands of reading,**

writing, listening, language, literature, viewing and speaking as designated in the Sunshine State Standards.

Advanced Placement (AP) English Language and Composition

Course No.: 1001420

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide students with an understanding of the semantic, structural and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones. Students are expected to take a final AP exam.

Advanced Placement (AP) English Literature and Composition

Course No.: 1001430

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and of the writer's craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. Students are expected to take a final AP exam.

Applied Communications I

Course No.: 1001460

Prerequisite: None

Credit: 1.0

This course is designed for the student who enjoys reading and who would like to pursue a variety of literature in the classroom setting without the rigors of the English classroom. Most of the class time will be spent reading. Other classroom activities may include group discussion, whole class discussion and written commentary. There is a required reading list for this course. This course is not a study hall.

Applied Communications II

Course No.: 1001470

Prerequisite: Applied Communications I

Credit: 1.0

This course is designed for the student who enjoys reading and who would like to pursue a variety of

literature in the classroom setting without the rigors of the English classroom. Most of the class time will be spent reading. Other classroom activities may include group discussion, whole class discussion and written commentary. There is a required reading list for this course. This course is not a study hall.

AICE English Language AS Level

Course No: 1001550

Credit: 1.0

Students will explore a rich range of contemporary texts including speeches, reviews, editorials, brochures, blogs, diaries, biographies, essays, advertisements, and even voiceovers and podcasts to fully understand and appreciate the power of language. Students who successfully complete AICE English Language find themselves ready to meet the demands of college writing tasks while improving their ability to communicate effectively in college and beyond.

Pre-AICE English Language

Course No.: 1001560

Prerequisite: AICE Placement.

Credit: 1.0

The purpose of this course is to enable students to communicate accurately, appropriately and effectively in speech and writing. Students will also be able to understand and respond appropriately to what they hear, read and experience. The course also provides a variety of writing opportunities calling for the use of different styles and tones.

English I – Preliminary International Baccalaureate (Pre IB)

Course No.: 1001800

Prerequisite: Placement in Pre IB Program

Credit: 1.0

This course will include the following: instruction in the backgrounds and critical analyses of major literary works representing various genres; composition focusing on use of the writing process in logical and critical modes and including the use of research skills; vocabulary study, including the determination of Latin and Greek influences on the English language; advanced vocabulary for college-bound students.

English II – Preliminary International Baccalaureate (Pre IB)

Course No.: 1001810

Prerequisite: Placement in Pre IB Program

Credit: 1.0

This course will include, but is not limited to, the following: the genres and universal themes found in the literature of the English-speaking world; advanced

literary analysis with applications to composition and discussion; vocabulary study with focus on preparation for college-entrance examinations.

English III – International Baccalaureate (IB)

Course No.: 1001820

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to develop independent critical competency in the study of literature and to foster a high level of achievement in writing, reading and speaking.

English IV– International Baccalaureate (IB)

Course No.: 1001830

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to develop independent critical competency in the study of literature and to foster a high level of achievement in writing, reading and speaking.

English I through ESOL

Course No.: 1002300

Prerequisite: LEP Committee Placement

Credit: 1.0

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature.

English II through ESOL

Course No.: 1002310

Prerequisite: LEP Committee Placement

Credit: 1.0

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature.

English III through ESOL

Course No.: 1002320

Prerequisite: LEP Committee Placement

Credit: 1.0

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature.

Development Language Arts Through ESOL

Course No.: 1002380

Credit: 1.0

The purpose of this course is to provide students who are native speakers of languages other than English instruction enabling students to accelerate the development of reading, writing, listening, speaking and language skills and to strengthen these skills so they are able to successfully read and comprehend grade level text independently.

English IV through ESOL

Course No.: 1002520

Prerequisite: LEP Committee Placement

Credit: 1.0

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature.

American Literature

Course No.: 1005310

Prerequisite: None

Credit: 1.0

The purpose of American Literature is to provide students integrated language arts study in reading, writing, speaking, listening, and language, in preparation for college and career readiness through analysis of high complexity American literary texts. Students will engage in active reading of varied American literary texts for what they express explicitly, as well as the logical inferences that can be drawn with analysis of text craft and structure, arguments and claims supported by textual evidence, power and impact of language, influence of history, culture, and setting and with equal focus on writing for varied purposes.

Contemporary Literature

Course No.: 1005330

Prerequisite: None

Credit: 0.5

The purpose of this course is to study works of major contemporary writers as they reflect modern culture, including its characteristics, problems and values.

Literature in the Media

Course No.: 1005365

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of the narrative parallels between traditional (printed) literary texts and non-traditional (multi-media) texts.

AICE English Literature I

Course No.: 1005370

Prerequisite: AICE Placement.

Credit: 1.0

The purpose of this course is to engage students in the careful reading and critical analysis of imaginative literature of various styles, genres, and periods, thus developing independent critical competency in the study of literature and fostering a high level of achievement in reading, writing and speaking. Students will also acquire an understanding of the resources of the language and of the writer's craft.

Pre-AICE English Literature

Course No.: 1005380

Prerequisite: AICE Placement.

Credit: 1.0

The purpose of this course is to engage students to communicate accurately, appropriately, and effectively in speech and writing. Students will also be able to understand and respond imaginatively to what they hear, read and experience in a variety of media. Students will study in detail texts from a variety of genres to include poetry, prose and drama. The selections will explore areas of universal human concern, thus leading students to a greater understanding of themselves and others.

Journalism I

Course No.: 1006300

Prerequisite: Permission of Instructor

Credit: 1.0

The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences in journalistic production.

***This course will satisfy the high school graduation requirement**

Journalism II

Course No.: 1006310

Prerequisite: Permission of Instructor

Credit: 1.0

The purpose of this course is to provide practical experience in news gathering techniques, practice in journalistic writing and opportunities to explore careers in journalism.

Journalism III

Course No.: 1006320

Prerequisite: Permission of Instructor

Credit: 1.0

The purpose of this course is to provide intermediate instruction in writing and production skills related to various journalistic media.

Journalism IV

Course No.: 1006330

Prerequisite: Permission of Instructor and Meet Honors Criteria

Credit: 1.0

The purpose of this course is to provide advanced instruction in journalistic writing and production techniques.

Journalism V Honors

Course No.: 1006331

Credit: 1.0

The purpose of this course is to perform advanced skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

Journalism VI Honors

Course No.: 1006332

Credit: 1.0

The purpose of this course is to enable students to perform advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected.

Journalism VII Honors

Course No.: 1006333

Credit: 1.0

The purpose of this course is to enable students to perform advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use and management techniques related to the production of journalistic media. School and professional publication efforts are expected.

Speech I

Course No.: 1007300

Prerequisite: None

Credit: 0.5

The purpose of this course is to provide instruction in the fundamentals of formal and informal oral communication.

Speech II

Course No.: 1007310

Prerequisite: Speech I

Credit: 0.5

The purpose of this course is to offer instruction in intermediate skills of formal and informal oral communication.

Debate I

Course No.: 1007330

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop fundamental skills and techniques for use in debate and forensic activities.

Debate II

Course No.: 1007340

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop fundamental skills and techniques for use in 796

Reading for College Success

Course No: 1008350

Credit: 0.5

This course is targeted for students who are not "college-ready" in reading. This course incorporates reading and analysis of informational selections to develop critical reading skills necessary for success in college courses.

Creative Writing I

Course No.: 1009320

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to develop writing and language skills needed for individual expression in literary forms.

Creative Writing II

Course No.: 1009330

Prerequisite: Creative Writing I and Permission of Instructor

Credit: 0.5

The purpose of this course is to extend the development of the writing and language skills needed for individual expression in the literary forms as introduced in Creative Writing I.

Creative Writing III

Course No.: 1009331

Prerequisite: Creative Writing II and Permission of Instructor

Credit: 1.0

The purpose of the course is to develop writing and language skills needed for individual expression in traditional poetic forms.

Creative Writing IV

Course No.: 1009332

Prerequisite: Creative Writing III and Permission of Instructor

Credit: 1.0

The purpose of course is to have students develop a compilation of works of professional literary merit in the form of a chapbook, essay or short story collection.

Creative Writing V

Course No.: 1009333

Prerequisite: Creative Writing IV and Permission of Instructor

Credit: 1.0

A continuation of Creative Writing IV, the purpose of the course is to have students complete, refine and self-publish a compilation of works of professional literary merit in the form a chapbook, essay or short story collection. Also, students may pursue a variety of intern possibilities.

Playwriting

Course No.: 1009350

Prerequisite: Creative Writing I

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of and use the principles and techniques employed in dramatic writing for the stage.

AICE General Paper

Course No. 1009360

Prerequisite: successful completion of English 1 and English 2

Credit: 1.0

This course encourages students to achieve an understanding of the English Language which enables them to express arguments, ideas, and opinions in a reflective and academic manner. The curriculum includes an AICE exam.

LEADERSHIP SKILLS DEVELOPMENT

Leadership Skills Development

Course No.: 2400300

Prerequisite: Teacher Placement

Credit: 1.0

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building and other group processes.

Leadership Strategies

Course No.: 2400320

Credit: 1.0

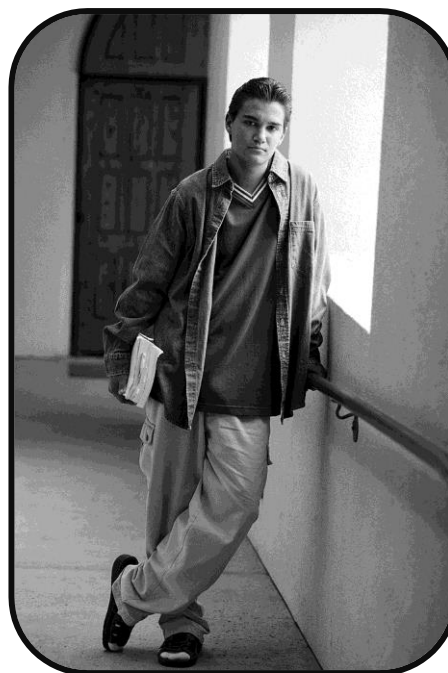
The course will provide an in-depth study of the leadership techniques of decision making, problem solving, meetings skills, communication skills, motivational strategies, character development, group dynamics, community relations, community service and personal and civic responsibility.

Approaches to Leadership

Course No.: 2400330

Credit: 1.0

This course facilitates summative application of leadership skills formed in *Leadership Strategies*, emphasizing organizational management, goal-setting, communication with varied audiences, peer mediation, citizenship, conflict resolution, healthy decision-making, assertiveness, and meeting skills, stress management and strategies for self-reflection.



SJCS D HIGH SCHOOL COURSE DESCRIPTIONS

MATHEMATICS

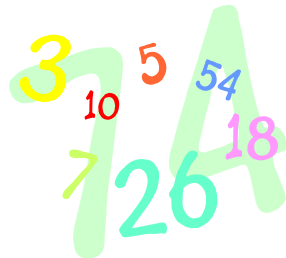
Algebra 1

Course No.: 1200310

Prerequisite: M/J Grade 8 Pre-Algebra

Credit: 1.0

This course, or its equivalent, is a required course for graduation. The critical areas of this course deepen and extend understanding of the number system and of linear and exponential relationships by contrasting them with each other and by applying linear models to statistical data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The standards for these critical areas fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and; Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. Students must participate in the End-of-Course examination.



Algebra 1 Honors

Course No.: 1200320

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

This course is a rigorous study designed for the student who excels in both ability and performance in mathematics. The critical areas of this course deepen and extend understanding of the number system and of linear and exponential relationships by contrasting them with each other and by applying linear models to statistical data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The standards for these critical areas fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and; Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. Students must participate in the End-of-Course examination.

Algebra 2

Course No.: 1200330

Prerequisite: Algebra 1, Geometry and Teacher Recommendation

Credit: 1.0

This second course in algebra is designed for college bound students. This course builds on work with linear, quadratic, and exponential functions, and extends student repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The standards for this course fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and; Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios.

Algebra 2 Honors

Course No.: 1200340

Prerequisite: Algebra 1, Geometry, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

This course is a rigorous study designed for the student who excels both in ability and performance in college preparatory mathematics. This course builds on work with linear, quadratic, and exponential functions, and extends student repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The standards for this course fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and; Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios.

Algebra 1-A

Course No.: 1200370

Prerequisite: M/J Grade 8 Pre-Algebra

Credit: 1.0

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. This is the first of a two-year sequence of courses, Algebra 1-A and Algebra 1-B. Together, the two courses fulfill the Algebra 1 requirements (Course Number 1200310). There are two critical areas of this course: Relationships Between Quantities and Reasoning with Equations and Linear and Exponential Relationships. These critical areas deepen and extend understanding of the number system and of linear and exponential relationships by contrasting them with each other and by applying linear models to statistical data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios.

Algebra 1-B

Course No.: 1200380

Prerequisite: Algebra 1-A

Credit: 1.0

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. This is the second of a two year sequence of courses, Algebra 1-A and Algebra 1-B. Together, the two courses fulfill the Algebra 1 requirements (Course Number 1200310). There are three critical areas of this course: Descriptive Statistics, Expressions and Equations and Quadratic Functions and Modeling. These critical areas deepen and extend understanding of the number system and of linear and exponential relationships by contrasting them with each other and by applying linear models to statistical data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. Students must participate in the End-of-Course examination.

Financial Algebra

Course No.: 1200387

Prerequisite: Algebra 1, Geometry

Credit: 1.0

This course is targeted for students who need additional instruction in content to prepare them for success in upper-level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Algebra, Geometry, Number and Quantity, and Statistics, and the Florida Standards for High School Modeling. The course also includes many Financial Literacy Standards found in Social Studies curriculum.

Intensive Mathematics

Course No.: 1200400

Prerequisite: Administrative Placement

Credit: 1.0

The purpose of this course is to enable students to develop mathematics skills and concepts through remedial instruction and practice. The content should include mathematics content that has been identified by screening and individual diagnosis of each student's need for remedial instruction as specified in his/her progress monitoring intervention plan.

NOTE: Credit received in this course does not fulfill one of the four required math credits.

Mathematics for College Success

Course No.: 1200410

Prerequisite: 3 credits in math, and in 12th grade

Credit: 0.5

This course is recommended for 12th graders who are not yet "college ready" in mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Ratios and Proportional Relationships, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

Mathematics for College Readiness

Course No.: 1200700

Prerequisite: 3 credits in math, and in 12th grade

Credit: 1.0

This course is recommended for students who simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Florida Standards for

Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

Calculus Honors

Course No.: 1202300

Prerequisite: Pre-Calculus, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide a foundation for the study of advanced mathematics. Major topics include: Limits and Continuity; Differential Calculus; Applications of Derivatives; Integral Calculus, and; Applications of Integration.

Advanced Placement (AP) Calculus AB

Course No.: 1202310

Prerequisite: Pre-Calculus, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The courses emphasize a multirepresentational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations also are important. Major topics include: Functions, Graphs, and Limits; Derivatives, and; Integrals. Extensive out of class preparation is required. Students are expected to take a final AP exam.

Advanced Placement (AP) Calculus BC

Course No.: 1202320

Prerequisite: AP Calculus AB, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

Calculus BC is an extension of Calculus AB rather than an enhancement; common topics require a similar depth of understanding. Major topics include: Functions, Graphs, and Limits; Derivatives; Integrals, and; Polynomial Approximations and Series. Extensive out of class preparation is required. Students are expected to take a final AP exam.

Pre-Calculus Honors

Course No.: 1202340

Prerequisite: Algebra 2, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

This course is designed for the student who excels both in ability and performance in college preparatory mathematics and will strengthen the student's skill in preparation for calculus. Major topics include: Limits and Continuity; The Complex Number System; Vector & Matrix Quantities; Arithmetic with Polynomials & Rational Expressions; Building Functions; Trigonometric Functions; Similarity, Right Triangles, & Trigonometry, and; Expressing Geometric Properties with Equations. *NOTE: Students earning credit in pre-calculus may not earn credit in both trigonometry and analytic geometry.*

AICE Mathematics and Probability and Statistics 1 AS Level

Course No.: 1202362

Prerequisite: AICE Placement

Credit: 1.0

This course aims to enable candidates to:

- develop their mathematical knowledge and skills in a way which encourages confidence and provides satisfaction and enjoyment
- develop an understanding of mathematical principles and an appreciation of mathematics as a logical and coherent subject
- acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying
- develop the ability to analyze problems logically, recognize when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve the problem
- use mathematics as a means of communication with emphasis on the use of clear expression
- acquire the mathematical background necessary for further study in this or related subjects.

Major topics include: Quadratics; Functions; Coordinate Geometry; Circular Measure; Trigonometry; Vectors; Series; Differentiation; Integration; Algebra; Logarithmic and Exponential Functions; Integration; Complex Numbers; Mechanics, and; Probability and Statistics.

Pre-AICE Additional Mathematics 3 IGSE Level

Course No. 1202371

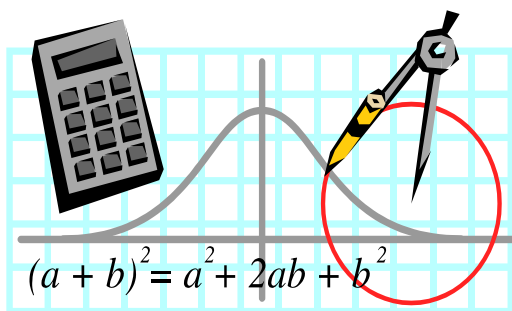
Prerequisite: Pre-AICE Mathematics 2

Credit: 1.0

This course is the third course in the Pre-AICE sequence. This course aims to enable candidates to:

- develop their mathematical knowledge and skills in a way which encourages confidence and provides satisfaction and enjoyment
- develop an understanding of mathematical

principles and an appreciation of mathematics as a logical and coherent subject • acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying • develop the ability to analyze problems logically, recognize when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve the problem • use mathematics as a means of communication with emphasis on the use of clear expression • acquire the mathematical background necessary for further study in this or related subjects. Major topics include: Quadratics; Functions; Coordinate Geometry; Circular Measure; Trigonometry; Vectors; Series; Differentiation; Integration; Algebra; Logarithmic and Exponential Functions; Integration; Complex Numbers; Mechanics, and; Probability and Statistics.



IB Calculus and Descriptive Statistics

Course: 1202810

Prerequisite: Pre-Calculus IB (year 1)

This course is designed to help the student improve problem solving and written mathematical skills, and to understand, explain, and apply calculus and descriptive statistical concepts. In addition, students will learn how to use the graphing calculator and other applications while developing teamwork skills.

IB Advanced Calculus

Course: 1202830

Students will study each mathematical idea in depth through applications and practical problems, providing opportunities to develop new skills and to further understand the importance of mathematics in everyday life.

Informal Geometry

Course No.: 1206300

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to develop the geometric knowledge that can be used to solve a variety of real-world and mathematical problems. In this course, students explore more complex geometric situations and deepen their explanations of geometric relationships. There are five critical areas of this course: Congruence, Proof, and Constructions; Similarity, Proof, and Trigonometry; Extending to Three Dimensions; Connecting Algebra and Geometry Through Coordinates, and; Circles With and Without Coordinates. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios.

Note: The content of this course is not equivalent to Geometry (Course Number 1206310) and does not trigger the Geometry End-of-Course examination.

Geometry

Course No.: 1206310

Prerequisite: Algebra 1 and Teacher Recommendation
Credit: 1.0

Geometry is a course designed for college bound students. In this course, students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The standards for this course fall into three critical areas (reporting categories): Congruence, Similarity, Right Triangles and Trigonometry; Circles, Geometric Measurement and Geometric Properties with Equations, and; Modeling with Geometry. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. This course emphasizes the relationship between Algebra and Geometry in preparation for Algebra 2.

Geometry Honors

Course No.: 1206320

Prerequisite: Algebra 1, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

This course is designed for the student who excels in both ability and performance in college preparatory mathematics. This is a rigorous study in which students will explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The standards for this course fall into three critical areas

(reporting categories): Congruence, Similarity, Right Triangles and Trigonometry; Circles, Geometric Measurement and Geometric Properties with Equations, and; Modeling with Geometry. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. Extensive out-of-class preparation is required. This course emphasizes the relationship between Algebra and Geometry in preparation for Algebra 2 Honors.

Liberal Arts Mathematics (LAM) 1

Course No.: 1207300

Prerequisite: Algebra 1 and Teacher Recommendation

Credit: 1.0

The purpose of this course is to strengthen skills taught in Algebra 1 while providing a foundation for Geometry. Major topics include: Quantities; Seeing Structure in Expressions; Arithmetic with Polynomials and Rational Expressions; Creating Equations; Reasoning with Equations and Inequalities; Interpreting Functions; Congruence; Similarity, Right Triangles, and Trigonometry; Geometric Measurement and Dimension; Modeling with Geometry, and; Interpreting Categorical and Quantitative Data.

Liberal Arts Mathematics (LAM) 2

Course No.: 1207310

Prerequisite: LAM 1 or Geometry and Teacher Recommendation

Credit: 1.0

The purpose of this course is strengthen skills taught in Algebra1 and Geometry while preparing students for Algebra 2 or fourth math credit. Major topics include: The Real Number System; Complex Numbers; Seeing Structure in Expressions; Arithmetic with Polynomials and Rational Expressions; Reasoning with Equations and Inequalities; Interpreting Functions; Linear and Exponential Models; Expressing Geometric Properties with Equations; Making Inferences and Justifying Conclusions, and; Conditional Probability and the Rules of Probability.

International Baccalaureate (IB) Mathematical Studies

Course No.: 1209800

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to provide for the study of certain advanced topics.

Pre-AICE Mathematics 1 IGSE Level

Course No.: 1209810

Prerequisite: Placement in AICE Program

Credit: 1.0

This course is the first course in the Pre-AICE sequence. This course aims to enable candidates to:

- develop their mathematical knowledge and skills in a way which encourages confidence and provides satisfaction and enjoyment
- develop an understanding of mathematical principles and an appreciation of mathematics as a logical and coherent subject
- acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying
- develop the ability to analyze problems logically, recognize when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve the problem
- use mathematics as a means of communication with emphasis on the use of clear expression
- acquire the mathematical background necessary for further study in this or related subjects.

Major topics include: Quadratics; Functions; Coordinate Geometry; Circular Measure; Trigonometry; Vectors; Series; Differentiation; Integration; Algebra; Logarithmic and Exponential Functions; Integration; Complex Numbers; Mechanics, and; Probability and Statistics.

Pre-AICE Mathematics 2 IGSE Level

Course No.: 1209820

Prerequisite: Placement in AICE Program and Pre-AICE Mathematics 1 IGSE Level

Credit: 1.0

This course is the second course in the Pre-AICE sequence. This course aims to enable candidates to:

- develop their mathematical knowledge and skills in a way which encourages confidence and provides satisfaction and enjoyment
- develop an understanding of mathematical principles and an appreciation of mathematics as a logical and coherent subject
- acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying
- develop the ability to analyze problems logically, recognize when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve the problem
- use mathematics as a means of communication with emphasis on the use of clear expression
- acquire the mathematical background necessary for further study in this or related subjects.

Major topics include: Quadratics;

Functions; Coordinate Geometry; Circular Measure; Trigonometry; Vectors; Series; Differentiation; Integration; Algebra; Logarithmic and Exponential Functions; Integration; Complex Numbers; Mechanics, and; Probability and Statistics.

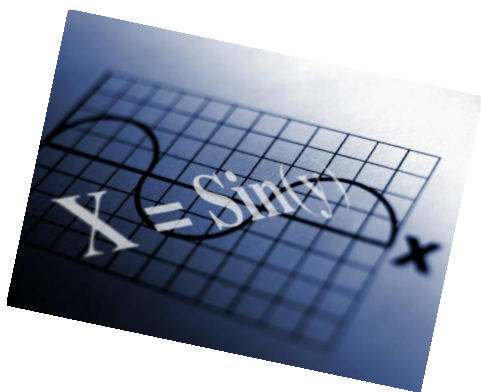
Probability & Statistics with Applications Honors

Course No.: 1210300

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this course is to introduce students to the fundamentals of descriptive and inferential statistics with a pronounced emphasis on inference. Major topics include: Conditional Probability and the Rules of Probability; Making Inferences and Justifying conclusions; Interpreting Categorical and Quantitative Data, and; Using Probability to Make Decisions.



IB Statistics and

Introductory Differential Calculus

Course No: 1210310

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to provide a foundation for the study of statistics and introduce students to calculus.

Advanced Placement (AP) Statistics

Course No.: 1210320

Prerequisite: Algebra 2, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4.

Statistical Inference: Estimating population parameters and testing hypotheses. Extensive out of class

preparation is required. Students are expected to take a final AP exam.

Advanced Topics in Mathematics

Course No.: 1298310

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to enhance and continue the study of mathematics after Algebra 1, Algebra 2, and Geometry and provide a college level foundation to students not aspiring to a math, science or technical major. Major topics include: Reasoning with Equations and Inequalities; Building Functions; Interpreting Functions; Trigonometric Functions; Geometric Measurement and Dimension; Expressing Geometric Properties with Equations; Complex Numbers; Vector & Matrix Quantities; Conditional Probability and the Rules of Probability, and; Using Probability to Make Decisions.

Florida's Preinternational Baccalaureate (Pre IB) Inquiry Skills

Course No.: 1700360

Prerequisite: Enrolled in Pre IB Program

Credit: 1.0

The purpose of this course is to study the development of short and long-term educational goals, the nature of learning, the nature of study skills, strategies for specific study skills improvement and improvement in content areas, the problems associated with critical thinking and their solutions, problem solving, group-discussion guidelines, the interdisciplinary nature of knowledge, and research skills. In addition, the purpose of this Pre-IB course is to prepare students for the International Baccalaureate Diploma Programme.

SJCSD HIGH SCHOOL COURSE DESCRIPTIONS

MUSIC

Music Theory I

Course No.: 1300300

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of basic music structures and elements and their uses in varied music styles and genres.

Music Theory II Honors

Course No.: 1300310

Prerequisite: Music Theory I and Meet Honors Criteria

Credit: 1.0

The purpose of this course is to teach students analysis and application of musical fundamentals as practiced in the various historical periods.

Advanced Placement (AP) Music Theory

Course No.: 1300330

Prerequisite: Music Theory I

Credit: 1.0

The purpose of this course is to develop the student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. Students are expected to take a final AP exam.

Music of the World

Course No: 1300340

Prerequisite: None

Credit: 1.0

Students explore the musical traditions of 20th- and 21st-century American and global communities around the world through study of current trends, focusing on the function of music within various cultures (e.g., jazz, world drumming, mariachi, soul, gamelan, Bollywood, digital). Students examine and report on human activities involving music, technology- and culture-related influences on music, and the sounds and structures of music composition. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

Comprehensive Musicianship III

Course No.: 1300370

Prerequisite: None

The purpose of this course is to provide career-minded students of music further study of recognized, historical periods of music, interpretive style, critique and evaluation of musical performances, and the potential of music careers.

Music III – International Baccalaureate (IB)

Course No.: 1300820

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to develop the International Baccalaureate students' understanding of the techniques of listening, analysis, performing and composing through the use of keyboard, computer-assisted writing and student preferred applied instrument or voice medium.

Music IV – International Baccalaureate (IB)

Course No.: 1300830

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to develop the International Baccalaureate students' mastery of techniques in the areas of listening, analysis, performing and composing through the use of keyboard, computer-assisted writing and student preferred applied instrument or voice medium.

Guitar I

Course No.: 1301320

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop basic skills in guitar performance, including interpretation of notation and performance in varied styles.

Guitar II

Course No.: 1301330

Prerequisite: Guitar I and Director's Approval

Credit: 1.0

The purpose of this course is to provide instruction in guitar using varied performance techniques.

Guitar III

Course No.: 1301340

Prerequisite: Guitar II and Director's Approval

Credit: 1.0

The purpose of this course is to provide instruction in the development of musicianship and technical skills through the study of varied guitar literature.

Guitar IV Honors

Course No.: 1301350

Prerequisite: Meet Honors Criteria Guitar III and Director's Approval

Credit: 1.0

The purpose of this course is to provide advanced instruction in individual guitar performance.

Keyboard I

Course No.: 1301360

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop basic keyboard skills, including interpretation of notation and performance in varied styles.

Keyboard II

Course No.: 1301370

Prerequisite: Keyboard I

Credit: 1.0

The purpose of this course is to provide instruction in varied performance techniques on the keyboard.

Keyboard III

Course No.: 1301380

Prerequisite: Keyboard II and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide instruction in the development of musicianship and technical skills through the study of varied keyboard literature.

Keyboard IV Honors

Course No.: 1301390

Prerequisite: Meet Honors Criteria Keyboard III and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide advanced instruction in individual keyboard performance.

Band I

Course No.: 1302300

Prerequisite: Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop basic technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble

performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band II

Course No.: 1302310

Prerequisite: Band I and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band III

Course No.: 1302320

Prerequisite: Band II and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band IV

Course No.: 1302330

Prerequisite: Band III and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop consistently proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band V Honors

Course No.: 1302340

Prerequisite: Meet Honors Criteria Band IV and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop advanced technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band VI Honors

Course No.: 1302350

Prerequisite: Meet Honors Criteria Band V and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop independent, advanced technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Orchestra I

Course No.: 1302360

Prerequisite: Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop basic technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening.

Instrumental Techniques I

Course No.: 1302420

Prerequisite: Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop basic performance skills on a selected instrument in a solo or small ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized.

Instrumental Techniques II

Course No.: 1302430

Prerequisite: Instrumental Techniques I and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level performance skills on a selected instrument in a solo or small ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized.

Instrumental Techniques III

Course No.: 1302440

Prerequisite: Instrumental Techniques II and Director's Approval

Credit: 1.0

The purpose of this course is to provide instrumental instruction for solo performance in a class situation.

Instrumental Techniques IV Honors

Course No.: 1302450

Prerequisite: Meet Honors Criteria, Instrumental Techniques III and Director's Approval (Guitar IV or Jazz Ensemble IV or audition – SAHS)

Credit: 1.0

The purpose of this course is to provide advanced instrumental instruction for solo performance in a class situation.

Instrumental Ensemble I

Course No.: 1302460

Prerequisite: Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop basic performance skills on a selected instrument in an ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized.

Instrumental Ensemble II

Course No.: 1302470

Prerequisite: Instrumental Ensemble I and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level performance skills on a selected instrument in an ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized.

Instrumental Ensemble III

Course No.: 1302480

Prerequisite: Instrumental Ensemble II and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop proficient performance skills on a selected instrument in an ensemble setting using high school literature.

Instrumental Ensemble IV Honors

Course No.: 1302490

Prerequisite: Meet Honors Criteria, Instrumental Ensemble III and Director's Approval

Credit: 1.0

The purpose of this course is to develop advanced performance skills on a selected instrument in an ensemble setting using varied high school literature.

Jazz Ensemble I

Course No.: 1302500

Prerequisite: Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop basic skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature.

Jazz Ensemble II

Course No.: 1302510

Prerequisite: Jazz Ensemble I and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature.

Jazz Ensemble III

Course No.: 1302520

Prerequisite: Jazz Ensemble II and Director's Approval

Credit: 1.0

The purpose of this course is to develop the ability to apply the knowledge of styles and techniques of varied contemporary, popular and jazz literature.

Jazz Ensemble IV Honors

Course No.: 1302530

Prerequisite: Meet Honors Criteria Jazz Ensemble III and Director's approval

Credit: 1.0

The purpose of this course is to develop independence in knowledge of styles and performance techniques of varied contemporary music and jazz literature.

Vocal Techniques I

Course No.: 1303400

Prerequisite: Vocal techniques or audition

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level performance skills in a solo or small ensemble setting using varied high school literature. Emphasis will be placed on healthy and expressive singing, performance techniques, music knowledge, and development of critical analysis and aesthetic response to music.

Vocal Techniques II

Course No.: 1303410

Prerequisite: Vocal techniques or audition

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level performance skills in a solo or small ensemble setting using varied high school literature. Emphasis will be placed on healthy and expressive singing, performance techniques, music knowledge, and development of critical analysis and aesthetic response to music.

Vocal Techniques III

Course No.: 1303420

Prerequisite: Vocal Techniques II or audition

Credit: 1.0

The purpose of this course is to enable students to develop proficient performance skills in a solo or small ensemble setting using varied high school literature. Emphasis will be placed on healthy and expressive singing, performance techniques, music knowledge, and development of critical analysis and aesthetic response to music.

Vocal Techniques IV Honors

Course No.: 1303430

Prerequisite: Meet Honors Criteria, Vocal Techniques III or audition

Credit: 1.0

The purpose of this course is to enable students to develop advanced performance skills in a solo or small ensemble setting using varied high school literature. Emphasis will be placed on healthy and expressive singing, performance techniques, music knowledge, and development of critical analysis and aesthetic response to music.

Chorus classes are arranged in four categories: *Chorus High/Low Range I-IV* classes are for the developing singer; *Chorus I-VI* classes are for the intermediate/advanced singer; *Ensemble I-IV* classes are for specialized groups with intermediate/advanced singers; and *Vocal Techniques* is for the solo performer. Director's approval and an audition may be required for placement.

Chorus Register-Specific I

Course No.: 1303360

Prerequisite: Audition may be requested.

Credit: 1.0

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high/low range high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus Register-Specific 2

Course No.: 1303370

Prerequisite: Audition may be requested.

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level individual and ensemble skills in choral performance through preparation of varied high/low range high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus Register-Specific 3

Course No.: 1303380

Prerequisite: Audition may be requested.

Credit: 1.0

The purpose of this course is to enable students to develop independence in musicianship, high/low range vocal performance techniques and aesthetic awareness through the rehearsal and performance of varied idiomatic high/low range choral literature.

Chorus Register-Specific 4 Honors

Course No.: 1303390

Prerequisite: Meet Honors Criteria Audition may be requested.

Credit: 1.0

The purpose of this course is to enable students to foster internalization and independence in musicianship, high/low range vocal performance techniques and aesthetic awareness through the rehearsal and

performance of idiomatic high/low range choral literature.

Chorus I

Course No.: 1303300

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

Chorus II

Course No.: 1303310

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus III

Course No.: 1303320

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to enable students to develop proficient individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus IV

Course No.: 1303330

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to enable students to develop consistently proficient individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus V Honors

Course No.: 1303340

Prerequisite: Meet Honors Criteria Audition

Credit: 1.0

The purpose of this course is to enable students to develop advanced individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus VI Honors

Course No.: 1303350

Prerequisite: Meet Honors Criteria Audition

Credit: 1.0

The purpose of this course is to enable students to develop independent, advanced individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Vocal Ensemble I

Course No.: 1303440

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to enable students to develop basic performance techniques in a small ensemble setting through the study of varied high school choral literature. Emphasis will be placed on vocal independence, expressiveness and stylistic authenticity.

Vocal Ensemble II

Course No.: 1303450

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level performance techniques in a small ensemble setting through the study of varied high school choral literature. Emphasis will be placed on vocal independence, expressiveness and stylistic authenticity.

Vocal Ensemble III

Course No.: 1303460

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to develop creativity and refine performance techniques in vocal ensembles through the study of widely varied and appropriate choral literature.

Vocal Ensemble IV Honors

Course No.: 1303470

Prerequisite: Meet Honors Criteria Audition

Credit: 1.0

The purpose of this course is to foster creative performances in ensembles through the study of appropriate and highly varied literature and to provide students with opportunities for leadership.

Music Technology and Sound Engineering 1

Course No.: 1304300

Credit: 1.0

Students explore the fundamental applications and tools of music technology and sound engineering. Students learn the history and aesthetic development of technology used to capture, create, and distribute music. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day.

Music Technology and Sound Engineering 2

Course No.: 1304310

Credit: 1.0

Students build on previous experience with music technology and sound engineering to integrate their knowledge of traditional musical elements with past and current technologies. They explore the creative and aesthetic implications of music technology and sound engineering. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day.

Music Technology and Sound Engineering 3 Honors

Course No.: 1304320

Credit: 1.0

Students expand their experience with music technology and sound engineering, integrating their knowledge of traditional musical elements with past and current technologies. Students focus on deeper exploration of their own creative work. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day.

Music Technology and Sound Engineering 4 Honors

Course No.: 1304330

Credit: 1.0

Students refine and build on previous experience to identify their own creative voice through music technology and sound engineering, independently, to

capture, create, mix, and present music of their own design. Students undertake independent study that includes synthesis of learning and experience. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day.

Eurhythmics I

Course No.: 1305300

Prerequisite: Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop basic skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation precision and the relationship between music and dance. This course may include after school and weekend activities.

Eurhythmics II

Course No.: 1305310

Prerequisite: Eurhythmics I and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation precision and the relationship between music and dance. This course may include after school and weekend activities.

Eurhythmics III

Course No.: 1305320

Prerequisite: Eurhythmics II and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop advanced-level skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation precision and the relationship between music and dance. This course may include after school and weekend activities.

Eurhythmics IV

Course No.: 1305330

Prerequisite: Eurhythmics III and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop advanced-level skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the

marching band. Emphasis is placed on dance, equipment manipulation, precision and the relationship between music and dance. This course may include after school and weekend activities.

Music Techniques 1

Course No: 1305500

Prerequisite: Audition

Credit: 1.0

Students in this entry-level class focus on the development of musical and technical skills on a specific instrument or voice through etudes, scales, and selected music literature. Through problem-solving, critical thinking, and reflection, students develop the physical and cognitive skills to be more disciplined performers. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course, if used for an instrumental class, may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Music Techniques 2

Course No: 1305510

Prerequisite: Audition

Credit: 1.0

Students in this novice-level class continue to develop musical and technical skills on a specific instrument or voice through developmentally appropriate solo literature, etudes, scales, and exercises. Through problem-solving, critical thinking, and reflection, students develop the physical and cognitive skills necessary to be more disciplined performers. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course, if used for an instrumental class, may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Music Techniques 3

Course No: 1305520

Prerequisite: Audition

Credit: 1.0

Students in this intermediate-level class develop their musical and technical skills further on a specific instrument or voice, and expand their technical and performance skills, enhanced by historical and cultural background knowledge of the music. Students explore more demanding solo literature, etudes, and technical

exercises with increasing independence. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course, if used for an instrumental class, may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Music Techniques 4 Honors

Course No: 1305520

Prerequisite: Audition

Credit: 1.0

Students in this advanced class refine their musicianship and performance skills on a specified instrument or voice. Students prepare for post-secondary and community music experiences and develop artistry independently through a variety of advanced solos, etudes, and excerpts. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course, if used for an instrumental class, may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

SJCS D HIGH SCHOOL COURSE DESCRIPTIONS

PEER COUNSELING

Peer Counseling I

Course No.: 1400300

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to provide students with an understanding of the elements of communication and group processes.

Peer Counseling II

Course No.: 1400310

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to provide an understanding of the components of personal development and to facilitate personal and group growth and fulfillment through individual and group processes.

Peer Counseling III

Course No.: 1400320

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to provide instruction in the development and implementation of small and large-group presentations on the concerns of youth.

Peer Counseling IV

Course No.: 1400330

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to provide students with varied experiences in program continuity and development.



SJCSD HIGH SCHOOL COURSE DESCRIPTIONS

PHYSICAL EDUCATION

Weight Training 1

Course No.: 1501340

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to acquire basic knowledge and skills in weight training, improve muscular strength and endurance and begin to enhance self-image.

Weight Training 2

Course No.: 1501350

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in weight training, further improve muscular strength and endurance and further enhance self-image.

Weight Training 3

Course No.: 1501360

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to develop advanced knowledge and skills in weight training, further improve muscular strength and endurance and further enhance self-image.

Power Weight Training 1

Course No.: 1501410

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to enable students to acquire basic knowledge and skills in power weight training and improve health-related fitness.

Individual and Dual Sports 1

Course No.: 1502410

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to acquire basic knowledge and skills in specified individual and dual sports and improve health-related fitness.

Individual and Dual Sports 2

Course No.: 1502420

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to develop knowledge and skills in specified individual and dual sports and improve health-related fitness.

Individual and Dual Sports III

Course No.: 1502430

Prerequisite: None

Credit: 0.5

This is a survey course designed to help students acquire knowledge of individual and dual sports play, develop basic skills in selected individual and dual sports and maintain and/or improve health-related fitness.

Basketball

Course No.: 1503310

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to develop knowledge and skills in basketball and to improve health-related fitness.

Soccer

Course No.: 1503320

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to develop knowledge and skills in soccer and to improve health-related fitness.

Team Sports 1

Course No.: 1503350

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to acquire basic knowledge of team sports play, develop skills in specified team sports and improve health-related fitness.

Team Sports 2

Course No.: 1503360

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to develop knowledge of team sports play, develop skills in specified team sports and improve health-related fitness.

Aerobics 1

Course No.: 1503400

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to acquire basic knowledge of aerobic activities and fitness and to maintain or improve an individualized level of fitness.

Aerobics 2

Course No.: 1503410

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to extend their knowledge of aerobic activities and fitness and to maintain or improve an individualized level of fitness.

Aerobics 3

Course No.: 1503420

Prerequisite: None

Credit: 0.5

This course is designed to help students develop an optimal level of health-related fitness and acquire additional knowledge of fitness concepts.

Volleyball 1

Course No.: 1505500

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to acquire basic knowledge and skills in volleyball and to improve health-related fitness.

Volleyball 2

Course No.: 1505510

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in volleyball and to improve health-related fitness.

**Volleyball 3**

Course No.: 1505520

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to continue knowledge of and skills in volleyball at the advanced level.

Health Opportunities through Physical Education (HOPE)

Course No.: 3026010

Prerequisite: None

Credit: 1.0

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness.

AICE Physical Education 1 AS

Course No.: 3026020

Credit: 1.0

The Cambridge International AS Physical Education course is both practical and theoretical.

As well as fostering enjoyment in physical activity, it will encourage students to develop an understanding of the interaction between theory and practice by focusing on the performer and performance. Students learn about anatomy and physiology, movement skills and contemporary studies at Cambridge International AS Level. This provides a firm foundation for the further advanced study of exercise, physiology, psychology of sport performance and the study of the Olympic Games from a global perspective.

SJCS D HIGH SCHOOL COURSE DESCRIPTIONS

RESEARCH AND CRITICAL THINKING

Research I

Course No.: 1700300

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide students with skills necessary to produce basic research.

Research II

Course No.: 1700310

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide an understanding of research design and basic data collection.

Research III

Course No.: 1700320

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide knowledge about using community, Internet and library research sources in identifying topics and developing hypotheses. This course will also provide instruction in data collection and use.

Critical Thinking and Study Skills

Course No.: 1700370

Prerequisite: None

Credit: 0.5

The purpose of this course is to provide the foundation for, and practice of, good study habits and to develop the skills needed to process information, complete assignments accurately and perform well on tests.

AICE Thinking Skills I

Course No. 1700372

Prerequisite: Placement in AICE Program and Meet Honors Criteria

Credit: 1.0

The purpose of this course involves the development of a range of transferable thinking skills and processes. These skills are valuable and relevant within other subjects as well as being essential for further and higher education. It should engage students in the study of the language of reasoning by identifying reasons, evaluating reasoning of different kinds, recognizing and evaluating assumptions, clarifying expressions and ideas, and the production of reasoning appropriate to a given task.

AICE Thinking Skills II

Course No. 1700374

Prerequisite: Placement in AICE Program and Meet Honors Criteria

Credit: 1.0

The purpose of this course involves the development of a range of transferable thinking skills and processes for solving problems, critical thinking and reasoning. These skills are valuable and relevant within other subjects as well as being essential for further and higher education. This course aims to encourage students to apply these skills to realistic scenarios and to develop students' abilities to understand and engage confidently in argument and reasoning. This course should engage students in the study of the language of reasoning by identifying reasons, evaluating reasoning of different kinds, recognizing and evaluating assumptions, clarifying expressions and ideas, and the production of reasoning appropriate to a given task. **S**

Career Research and Decision Making

Course No.: 1700380

Credit: .50

The purpose of this course is to develop career planning competencies, enabling students to make informed career choices and develop the skills needed to successfully plan and apply for college or a job.

Advancement Via Individual Determination (AVID) I

Course No. 1700390

Prerequisite: Placement into program.

Credit: 1.0

This course is a college preparatory program for students with a 2.0 – 3.5 GPA who desire to take rigorous college prep classes.

Advancement Via Individual Determination (AVID) II

Course No. 1700400

Prerequisite: Placement into program.

Credit: 1.0

This course is a college preparatory program for students with a 2.0 – 3.5 GPA who desire to take rigorous college prep classes.

Advancement Via Individual Determination (AVID) III

Course No. 170041 Prerequisite: Placement into program.

Credit: 1.0

This course is a college preparatory program for students with a 2.0 – 3.5 GPA who desire to take rigorous college prep classes.

Advancement Via Individual Determination (AVID) IV

Course No.: 1700420

Prerequisite: Placement into program.

Credit: 1.0

This course is a college preparatory program for students with a 2.0 – 3.5 GPA who desire to take rigorous college prep classes.

Advanced Placement (AP) Capstone Seminar

Course No.: 1700500

Credit: 1.0

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances.

Approaches to Learning - International Baccalaureate (IB)

Course No. 1700800

Prerequisite: Placement into IB program.

Credit: 1.0

This course challenges students in the areas of thinking, intercultural understanding, communication, and personal development. Students are led to make connections among their classroom and non-classroom knowledge and experience. Students will develop good intellectual habits, practical problem-solving skills, ethical, creative, and lateral thinking skills, self-awareness, reflection skills, and an understanding that many questions, issues, or problems do not always have simple right or wrong answers.

Personal and Professional Skills 1 - International Baccalaureate (IB)

Course No: 1700820

This course aims to develop responsibility, practical problem-solving, good intellectual habits, ethical understanding, perseverance, resilience, an appreciation of identity and perspective and an understanding of the complexity of the modern world.



SJCS D HIGH SCHOOL COURSE DESCRIPTIONS

ROTC AND MILITARY TRAINING

Aerospace Science I: Frontiers of Aviation History and Building a Better Citizen

Course No.: 1800300

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of the historical development of flight and the role of the military in history. Students also develop knowledge of the AFJROTC, individual self-control, citizenship, wellness, health, and fitness. Students practice basic drill techniques and conduct military ceremonies.

Aerospace Science II: The Science of Flight and Interpersonal Communication

Course No.: 1800310

Prerequisite: Aerospace Science I

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of the aerospace environment, human requirements of flight, principles of aircraft flight, and principles of navigation. Students also develop effective communication skills, understanding of human and group behavior, and basic leadership concepts. Students practice drill movements and observe military customs and ceremonies.

Aerospace Science III: The Exploration of Space and Life Skills

Course No.: 1800320

Prerequisite: Meet Honors Criteria & Aerospace I and II

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for postsecondary education or employment, financial planning and career opportunities.

Aerospace Science IV: Geography and Principles of Management

Course No.: 1800330

Prerequisite: Meet Honors Criteria and Aerospace III

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of physical and human geography in the major regions of the world. Students develop fundamental management concepts and skills and apply

them in corps activities.

Leadership Education and Training I

Course No.: 1801300

Prerequisite: None

Credit: 1.0

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character building activities designed to promote good citizenship and patriotism. The course provides instruction that will benefit the individual student, the community and our nation. The Junior R.O.T.C. learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C. or advance rank in the active or reserve military services or National Guard.

Leadership Education and Training II

Course No.: 1801310

Prerequisite: Leadership Education and Training I and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character building activities designed to promote good citizenship and patriotism. The course provides instruction that will benefit the individual student, the community and our nation. The Junior R.O.T.C. learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C. or advance rank in the active or reserve military services or National Guard.

Leadership Education and Training III

Course No.: 1801320

Prerequisite: Leadership Education and Training II and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character building activities designed to promote good citizenship

and patriotism. The course provides instruction that will benefit the individual student, the community and our nation. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C. or advance rank in the active or reserve military services or National Guard.

Leadership Education and Training IV

Course No.: 1801330

Prerequisite: Leadership Education and Training III and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character building activities designed to promote good citizenship and patriotism. The course provides instruction that will benefit the individual student, the community and our nation. The Junior R.O.T.C. learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C. or advance rank in the active or reserve military services or National Guard.

Naval Science I

Course No.: 1802300

Prerequisite: None

Credit: 1.0

The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership and the value of scholarship in attaining life goals. This course is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future. The course will develop in each cadet a growing sense of pride in his/her organization, associates and self. These elements are pursued at a fundamental level.

Naval Science II

Course No.: 1802310

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to build on the general introduction provided in Naval Science I, further develop the traits of citizenship and leadership in students, introduce cadets to technical areas of naval science study and engender a deeper awareness of the vital importance of the world's oceans to the continued well-being of the United States.

Naval Science III

Course No.: 1802320

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to broaden the understanding of the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of assigned objectives and naval academic subjects.

Naval Science IV

Course No.: 1802330

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide students with a comprehensive, advanced-level study of naval historical and technical topics and the opportunity to exercise leadership in positions of authority and responsibility. In addition, this course will prepare the students to readily accept the responsibility and importance of citizenship as both are related to the democratic principles upon which our country is founded. Students will also be provided with an understanding of the nature, rigors and benefits of a military career.

SJCS D HIGH SCHOOL COURSE DESCRIPTIONS
SAFETY AND DRIVER EDUCATION

Drivers Education

Course No.: 1900310

Prerequisite: None

Credit: .5

The purpose of this course is to introduce students to the highway transportation system and to strategies that will develop driving knowledge and skills related to today's and tomorrow's motorized society. It will also provide an in-depth study of the scope and nature of accident problems and their solutions.



SJCS D HIGH SCHOOL COURSE DESCRIPTIONS

SCIENCE

Biology I

Course No.: 2000310

Prerequisite: Environmental Science

Credit: 1.0

The course provides information and activities in the life sciences. Among the topics covered are: Molecular and cellular biology, classification, heredity and evolution, populations and ecosystems. Students who complete this course will take the state end of course exam which comprises 30% of their grade for the year.

Biology I Honors

Course No.: 2000320

Co-requisite: Geometry Honors or higher

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

This course provides greater depth of topic and faster pace than Biology 1. Among topics covered are: Molecular and cellular biology, classification, heredity and evolution, ecosystems. Students who complete this course will take the state end of course exam which comprises 30% of their grade for the year.

AICE Biology I

Course No.: 2000321

Prerequisite: AICE Placement

Credit: 1.0

The purpose of this course is to provide exploratory experiences, laboratory experiences and real-life applications in the biological sciences in an accelerated fashion.

Pre-AICE Biology

Course No.: 2000322

Prerequisite: AICE Placement

Credit: 1.0

The purpose of this course is to provide exploratory experiences, laboratory, and real-life applications in the biological sciences. Among topics covered are: Molecular and cellular biology, classification, heredity and evolution, ecosystems. Students who complete this course will take the state end of course exam which comprises 30% of their grade for the year.

Biology II Honors

Course No.: 2000330

Prerequisite: Biology I Honors

Credit: 1.0

This course enables students to expand and apply the biological concepts acquired in AP Biology.

This course receives honors credit and is a co-requisite of AP Biology and only offered at Ponte Vedra High School.

Advanced Placement (AP) Biology

Course No.: 2000340

Prerequisite: Honors Biology, Honors Chemistry suggested, meet Honors Criteria and Teacher Recommendation

Credit: 1.0

A college level course that focuses on principles and concepts of the big ideas in biological science, including: cellular processes, genetics and information transfer, evolution, and interactions. Laboratory experiences are approximately 25% of the course. Students are expected to take a final AP exam.



Anatomy and Physiology

Course No.: 2000350

Prerequisite: Biology Credit: 1.0

The purpose of this course is to provide students with exploratory activities in the structure and functions of the human body. The content includes anatomical terminology, cells and tissues, systems of the body, genetics and disease processes.

Anatomy and Physiology Honors

Course No.: 2000360

Prerequisite: Honors Biology, meet honors criteria
Credit: 1.0

This course provides greater depth of topic on the structure and functions of the human body. The content includes anatomical terminology, histology, systems of the body, organization and development of living things, genetics and disease processes.

Biology I – Preliminary International Baccalaureate (Pre IB)

Course No.: 2000800

Prerequisite: Placement in Pre IB Program

Credit: 1.0

The purpose of this course is to present an in-depth study of the biological sciences in preparation for IB level classwork and laboratory activities. Among topics covered are: Molecular and cellular biology, classification, heredity and evolution, ecosystems. Students who complete this course will take the state end of course exam which comprises 30% of their grade for the year.

Biology II – International Baccalaureate (IB)

Course No.: 2000810

Prerequisite: Placement in IB program

Credit: 1.0

This course will provide a second year of study of the principles and processes of biology. The course emphasizes biochemistry, genetics, evolution, plant science and human physiology and health.

Biology III– International Baccalaureate (IB)

Course No.: 2000820

Prerequisite: Placement in IB Program

Credit: 1.0

This is a 3rd year biology course with an emphasis on organismal biology.

Earth/Space Science

Course No.: 2001310

Prerequisite: Biology

Credit: 1.0

The purpose of this course is to develop and apply concepts basic to the Earth, its materials, processes, history and environment, and, to learn concepts about our universe.

Environmental Science

Course No: 2001340

Prerequisite: None

Credit: 1.0

This course gives students opportunity to explore living and non-living relationships in the environmental world. Students will learn about various types of renewable and non-renewable resources, and human impact on the environment. Students will have opportunity to discuss the impact of human activity and will learn sustainability practices.

Advanced Placement (AP) Environmental Science

Course No.: 2001380

Prerequisite: Honors Biology, Honors Chemistry, Teacher Recommendation

Credit: 1.0

This is a rigorous college level course that studies Biological Population Concepts, Land and Water Use, Energy Resources and Consumption and Pollution. Laboratory work is an integral part of the course; students completing this course will take the AP Environmental Science Exam.

Experimental Science 1 Honors

Course No: 2002340

Prerequisite: Biotechnology 3

Credit: 1.0

The purpose of this course is to investigate scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental and safety procedures in the lab.

Marine Science I

Course No.: 2002500

Prerequisite: Biology

Credit: 1.0

The purpose of this course is to provide an overview of the marine environment. Content includes marine systems, formation of the oceans and interrelationships between man and the ocean environment.

Marine Science I Honors

Course No.: 2002510

Prerequisite: Biology Honors, meet honors criteria

Credit: 1.0

The purpose of this course is to provide an overview of the marine environment. Content includes marine systems, formation of the oceans and interrelationships between man and the ocean environment. This course includes some rigorous standards that are not part of the standard course.

AICE Marine Science AS 1

Course No.: 2002515

Prerequisite: Biology Honors or Pre-AICE Biology, FSA Reading Level 4 or higher, teacher recommendation.

Credit: 1.0

The purpose of this course is to give a thorough introduction to the study of Marine Science. Topics covered will include: Marine ecosystems and biodiversity, Energy flow amongst food chains and webs, Nutrient cycles in the Marine Ecosystem, Coral Reefs and Lagoon systems, Physical and Chemical Oceanography.

Physical Science Honors

Course No.: 2003320

Co-requisite: Algebra 1 Honors or higher

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

This purpose of this course is to provide students with the introductory concepts of physics and chemistry. This course includes some rigorous standards that are not part of the standard course. Math is an integral part of this course.

Chemistry I

Course No.: 2003340

Prerequisite: Algebra I with a grade of C or higher, Biology, FSA reading score of 3 or higher, teacher recommendation.

Co-requisite: Algebra II

Credit: 1.0

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course.

Chemistry I Honors

Course No.: 2003350

Prerequisite: Biology Honors, Algebra I Honors with a grade of C or higher, FSA reading no less than 3, Meet Honors Criteria and Teacher Recommendation

Co-requisite: Algebra II Honors

Credit: 1.0

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course. This course includes some rigorous standards that are not part of the standard course.

Advanced Placement Chemistry

Course No.: 2003370

Prerequisite: Chemistry Honors, Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

A rigorous, college level course that will immerse students in sophisticated chemical principles and concepts and fundamental laboratory technique. This is a synthesis/application course that covers these "big ideas": atoms, reactions and stoichiometry, chemical energy and thermodynamics, gases and intermolecular forces, kinetics, solubility equilibrium, acid-base equilibrium. Laboratory experiences are approximately 25% of the course. Students are expected to take a final AP exam.

AICE Chemistry 1

Course No: 2003371

Prerequisite: Pre-AICE Chemistry and Teacher recommendation

Credit: 1.

This course includes theoretical concepts which are fundamental to the subject, a section on some current applications of chemistry and a strong emphasis on advanced practical skills. The course will foster creative thinking and problem-solving skills which are transferable to any future career path.

Term: Year long

Pre-AICE Chemistry

Course No: 2003372

Prerequisite: Pre-AICE Biology and Teacher recommendation

Credit: 1.0

Laboratory investigations which include the use of scientific inquiry, research, measurement, problem solving and experimental procedures are an integral part of this course.

Term: Year long

Physics 1 Honors

Course No.: 2003390

Prerequisite: Meet Honors Criteria, Biology Honors, Algebra I Honors with a grade of C or higher

Co-requisite: Algebra II Honors

Credit: 1.0

The purpose of this course is to provide students with rigorous introductory study of the theories and is governing the interaction of matter, energy and the forces of nature. The content includes kinematics, dynamics, energy, work, thermodynamics, waves, light, electricity, magnetism and sound. Students who intend to take the AP Physics course should enroll in this course.

Advanced Placement Physics 1

Course: 2003421

Prerequisite: Honors Physics is suggested, teacher recommendation, students should have completed Algebra 2, concurrent enrollment in pre-calculus.

This is a rigorous, college level course. It delves into the main principles of physics and emphasizes conceptual understanding with problem-solving using algebra and some trigonometry. Topics include: Kinematics, Newtonian Mechanics, work, energy and power, Mechanical Waves and sound, introduction to electrostatics. Students are expected to take a final AP Exam.

Advanced Placement Physics 2

Course: 2003422

Prerequisite: Teacher recommendation, students should have taken AP Physics 1 or a comparable introductory Physics course. Students should have taken pre-calculus or an equivalent course.

This is equivalent to a second semester college course in algebra based physics. The course covers Fluid mechanics, Thermodynamics, electricity and magnetism, Circuitry, Optics, Quantum, Atomic, and Nuclear physics. Students are expected to take a final AP Exam.

Advanced Placement (AP) Physics C: Electricity and Magnetism

Course No.: 2003425

Prerequisite: Teacher recommendation based on prior AP physics and math courses.

Credit: 1.0

This course is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. Laboratory experience must be part of the education of AP Physics C students and should be included in all AP Physics courses. Students are expected to take a final AP exam.

Advanced Placement (AP) Physics C: Mechanics

Course No.: 2003430

Prerequisite: Students should have completed AP Calculus AB and be concurrently enrolled in AP Calculus BC, prior AP Physics Course, and teacher recommendation.

A rigorous, college level course, AP Physics C is typically the second part of the college sequence that is foundational for students who wish to major in the physical sciences or engineering. Strong emphasis on problem solving with calculus. Topics include: kinematics, forces, energy, momentum, circular motion/rotation, oscillations and gravitation. Students are expected to take a final AP exam.

AICE Physics

Course No.: 2003431

Prerequisite: AICE Placement

Credit: 1.0

The purpose of this course is to provide opportunities to study the concepts, theories and laws governing the interaction of matter; energy and forces; and their

applications through exploratory investigations and activities.

Chemistry I – Preliminary International Baccalaureate (Pre IB)

Course No.: 2003800

Prerequisite: Placement in Pre IB Program, teacher recommendation

Credit: 1.0

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course. This course includes some rigorous standards that are not part of the standard course.

Chemistry II – International Baccalaureate (IB)

Course No.: 2003810

Prerequisite: Placement in IB program

Credit: 1.0

The purpose of this course is to provide an in-depth quantitative study of the development and application of chemistry principles, concepts and experimental methods.

Chemistry III – International Baccalaureate (IB)

Course No.: 2003820

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to provide an in-depth, quantitative study of the development and application of chemistry principles, concepts and experimental methods.

Physics 1 – International Baccalaureate

Course No: 2003840

Prerequisite: Pre IB Biology 1 and Chemistry 1

Credit: 1.0

The purpose of this course is to provide opportunities to study the concepts, theories and laws governing the interaction of matter, energy and forces and their applications through exploratory investigations and activities.

Physics 2 – International Baccalaureate

Course No: 2003845

Prerequisite: Physics 1 IB

Credit: 1.0

The purpose of this course is to provide opportunities to study the concepts, theories and laws governing the interaction of matter, energy and forces and their applications through exploratory investigations and activities. Students will learn how to apply knowledge of the nature

of science and scientific habits of mind to solve problems and employ safe and effective use of laboratory technologies. Students will gain knowledge and skills required to pass external assessments by the International Baccalaureate Organization.

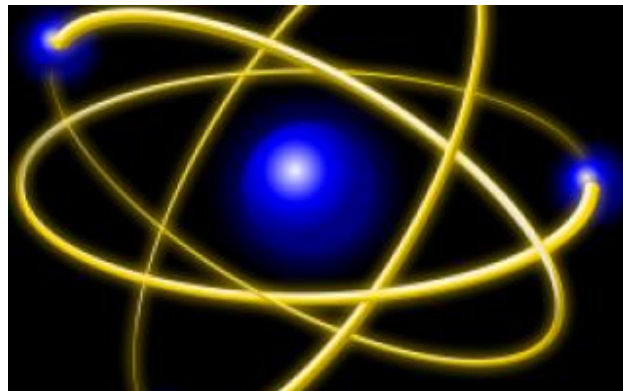
Physics 3 – International Baccalaureate (IB)

Course No.: 2003850

Prerequisite: Placement in IB Program

Credit: 1.0

The purpose of this course is to provide a college-level course in physics and to prepare students to seek credit and/or appropriate placement in college physics courses.



SJCS HIGH SCHOOL COURSE DESCRIPTIONS

SOCIAL STUDIES

AICE Global Perspectives and Independent Research 1 AS Level

Course No.: 1700364
Prerequisite: AICE Placement
Credit: 1.0

The purpose of this course is to prepare learners for positive engagement with our rapidly changing world. Learners broaden their outlook through the critical analysis of – and reflection on – issues of global significance. The Cambridge International syllabus is based on skills rather than on specific content. Learners develop research, thinking, reasoning, and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project.

United States History

Course No.: 2100310
Prerequisite: None
Credit: 1.0

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

United States History Honors

Course No.: 2100320
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0

The purpose of this more rigorous course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

Advanced Placement (AP) United States History

Course No.: 2100330
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0

Students study the development of the United States within the context of history by examining connections to the past to prepare for the future. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. Students are expected to take a final AP exam.

African-American History

Course No.: 2100340
Prerequisite: None
Credit: 0.5

Students understand the development of African-American heritage within the context of a broad historical focus. Students examine connections to the past to prepare for the future as participating members of a democratic society.

AICE International History 1 AS Level

Course No.: 2100490
Prerequisite: None
Credit: 1.0

The purpose of this course is to engage students in some of the major international issues of the nineteenth and twentieth centuries, analyzing the history of particular regions in more depth. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies.

AICE US History

Course No. 2100500
Prerequisite: AICE Placement
Credit: 1.0

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the transformation of the USA from an isolated agrarian society of the 1840's to the world's leading superpower.

History of the Americas – International Baccalaureate (IB)

Course No.: 2100800
Prerequisite: Placement in IB Program
Credit: 1.0

Students study the development of the nations of the Western Hemisphere within the context of history by examining connections to the past to prepare for the future as participating members of a democratic society. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

Economics with Financial Literacy

Course No.: 2102335

Prerequisite: None

Credit: 0.5

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

Economics with Financial Literacy Honors

Course No.: 2102345

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 0.5

The purpose of this more rigorous course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

Pre AICE Economics

Course No. 2102323

Corequisite: AICE Placement

Credit: 1.0

The purpose of this course is to provide students with the knowledge and decision-making tools necessary for understanding how society organizes its limited resources to satisfy its wants. Students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers.

Advanced Placement (AP) Microeconomics

Course No. 2102360

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 0.5

The purpose of this course is to have students learn about the factors that influence the economic system. Students are expected to take a final AP exam.

Advanced Placement (AP) Macroeconomics

Course No.: 2102370

Prerequisite: Meet Honors Criteria, Teacher Recommendation, and Algebra II

Credit: 0.5

Students study the choices they must make as producers, consumers, investors and taxpayers. The study of economics provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. Students are expected to take a final AP exam.

World Cultural Geography

Course No.: 2103300

Prerequisite: None

Credit: 1.0

Students develop multicultural understanding and use geographical concepts and skills to acquire information and systematically apply decision-making processes to real-life situations. They will acquire an understanding of interrelationships between people and the environment.

Advanced Placement (AP) Human Geography

Course No.: 2103400

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this course is to enable students to develop higher levels of concepts and skills related to human geography. Students are expected to take a final AP exam.

AICE Geography 1 AS Level

Course No.: 2103410

Credit: 1.0

This course provides students with an appreciation of the need for understanding, respect and co-operation in conserving the environment and improving the quality of life both at a global scale and within the context of different cultural settings, an awareness of the usefulness of geographical analysis to understand and solve contemporary human and environmental problems, a sense of relative location, including an

appreciation of the complexity and variety of natural and human environments.

Volunteer School/ Community Service

Course No.: 2104330

Prerequisite: Teacher Recommendation

Credit: 0.5

Students engage in activities that help them develop an appreciation for the concept of service to the school or community. Through an issues approach, students are expected to examine topics, make informed judgments and apply problem-solving skills within a context of how they might best serve a local school or community. Teachers encourage and challenge students to plan for the future and to act in the present.

Engaged Citizenship through Service-Learning 1

Course No.: 2104350

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to provide an introduction and opportunities for leadership in the areas of service-learning and civic responsibility. Academic, personal, and career skills needed for effective service-learning will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 30 hours' duration.

Engaged Citizenship through Service-Learning 2

Course No.: 2104360

Prerequisite: Teacher Recommendation

Credit: 0.5

The purpose of this course is to provide applications and opportunities for leadership in the areas of service-learning, civic responsibility, and civic engagement. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 40 hours' duration.

World Religions

Course No. 2105310

Prerequisite: None

Credit: 0.5

Through the study of world religions, students acquire an understanding of the way people in different cultures satisfy their spiritual needs. Students understand the place of religion in culture, the importance that has been attached to religion in peoples' lives and the relationship between religion and other social institutions.

American Government

Course No.: 2106310

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

American Government Honors

Course No.: 2106320

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 0.5

The purpose of this more rigorous course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

Law Studies

Course No.: 2106350

Prerequisite: None

Credit: 0.5

Students learn that the American legal system is the foundation of American society. Students examine those laws that have an impact on citizens' lives and are provided with an introduction to fundamental civil and criminal justice procedures.

Advanced Placement (AP) United States Government and Politics

Course No.: 2106420

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 0.5

Students acquire a critical perspective of politics and government in the United States. They learn general concepts used to interpret American politics and analyze specific case studies. Students also become familiar with the various institutions, groups, beliefs and ideas that constitute the American political perspective. Students are expected to take a final AP exam.

Advanced Placement Comparative Government and Politics

Course No.: 2106430

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 0.5

Students gain knowledge of the world's diverse political structures and practices through the study of government and politics in Great Britain, France, the Commonwealth of Independent States, China and

developing nations. Emphasis is placed on general concepts used to interpret key political relationships found in national politics. Students are expected to take a final AP exam.

International Relations II Honors

Course No. 2106445

Prerequisite: 10th Grade and World Geography

Credit: 1.0

This course analyzes some of the main approaches to the study of international relations. It briefly reviews the history of world politics from Ancient Greece to the modern day era, with particular emphasis on key concepts, such as balance of power, collective agreements, and sovereignty.

Constitutional Law Honors

Course No.: 2106468

Credit: 1.0

The grade 9-12 Constitutional Law course consists of the following content area strands: American History, World History, Geography, Humanities, Economics, and Civics and Government. The primary content for the course pertains to the study of major legal precedents and evolving judicial interpretations associated with the United States Constitution.

Psychology I

Course No.: 2107300

Prerequisite: 1.5 Credits in Social Science

Credit: 0.5

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others.

Psychology II

Course No.: 2107310

Prerequisite: Teacher Recommendation and 1.5 Credits in Social Science

Credit: 0.5

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course continues to prepare students to understand their own behavior and the behavior of others.

Advanced Placement (AP) Psychology

Course No.: 2107350

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others. Students are expected to take a final AP exam.

Psychology I – International Baccalaureate (IB)

Course No.: 2107800

Prerequisite: Placement in IB Program

Credit: 1.0

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others.

Psychology II – International Baccalaureate (IB)

Course No.: 2107810

Prerequisite: Placement in IB Program

Credit: 1.0

Students acquire an understanding of research methodology as applied to the study of human behavior. They apply knowledge of research design, error control and statistical analysis of empirical data to the study of human behavior.

Sociology

Course No.: 2108300

Prerequisite: Teacher Recommendation

Credit: 0.5

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

World History

Course No.: 2109310

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their

future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

World History Honors

Course No.: 2109320

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this more rigorous course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

Contemporary History

Course No.: 2109350

Prerequisite: None

Credit: 1.0

Students understand the development of the contemporary world within the context of history in order to understand events during their lifetime. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

Advanced Placement (AP) European History

Course No.: 2109380

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

Students will develop an understanding of Europe within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. Students are expected to take a final AP exam.

AICE European History

Course No. 2109371

Corequisite: AICE Placement

Credit: 1.0

The purpose of this course is to enable students to understand the developments that shaped Modern European History. This will be achieved with a holistic understanding of Europe as a geographic region from 1789 to 1939.

Advanced Placement (AP) World History

Course No.: 2109420

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

Students understand the development of Europe within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. Students are expected to take a final AP exam.

World History Preinternational Baccalaureate (Pre IB)

Course No.: 2109810

Prerequisite: Placement in IB Program

Credit: 0.5

The purpose of this course is to enable students to understand their connections to the development of civilizations.

Philosophy Honors

Course No.: 2120910

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 0.5

The learner will explore the foundations of philosophy through a historical exploration of the great thinkers. The course will focus on the definition and application of philosophy, appropriate vocabulary, and the notion that everyone should be engaged in the 'doing' of philosophy
Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 0.5

The learner will explore the foundations of philosophy through a historical exploration of the great thinkers. The course will focus on the definition and application of philosophy, appropriate vocabulary, and the notion that everyone should be engaged in the 'doing' of philosophy.

CAREER AND TECHNICAL EDUCATION COURSES

Biotechnology 1 Honors

Course No.: 3027010

Prerequisite: None

Credit: 0.5 in Science and 0.5 CTE

The purpose of this course is to provide exploratory experience combining laboratory and real-life applications in the field of Biotechnology.

Biotechnology 2 Honors

Course No.: 3027020

Prerequisite: Biotechnology 1

Credit: 0.5 science and 0.5 CTE

The purpose of this course is to provide exploratory experience combining laboratory and real-life applications in the field of Biotechnology.

Introduction to Natural Resources 2

Course No: 8006220

Prerequisite: Agriscience Foundations 1

Credit: 1.0

This course was developed as a core and is designed to develop competencies in the areas of Environmental Resources in agriculture, scientific investigation, laboratory safety, scientific and technological concepts; and the fundamentals of biotechnology.

Natural Resources Technology 3

Course No: 8006230

Prerequisite: Introduction to Natural Resources 2

Credit: 1.0

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Agriculture, Food and Natural Resources career cluster.

Natural Resource Management 4

Course No.: 8006240

Credit: 1.0

This course is designed to develop competencies in the areas of land management, weather systems, wildlife programs, commodity and non-commodity resources, sustainable agriculture and environmental research. **This is a level 3 Course, Honors Weighting.**

Introduction to Environmental Water Technology

Course No: 8007110

Prerequisite:

Credit: 1.0

This course is designed to develop competencies in the area of hydrology, safety skills and procedures, geological principles of water resources, management of wetlands, storm water systems, environmental water resources, equipment and facility maintenance, scientific and research concepts; principles of leadership; and employability, and human relations skills. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

Intermediate to Environmental Water Technology

Course No: 8007120

Prerequisite:

Credit: 1.0

This course is designed to develop competencies in the area of standards and regulations, site assessments, safety, managing data and physical resources, prepare a plan, perform remediation, collect and dispose of solid waste, record keeping and sampling procedures, career opportunities, leadership, teamwork, and money management concepts. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

Advanced Environmental Water Technology

Course No: 8007130

Prerequisite:

Credit: 1.0

Laboratory investigations, including the use of scientific research, measurement, and laboratory technologies are an integral part of this course. These activities include instruction in the use of safety procedures, tools, equipment, materials, and processes related to these occupations. Equipment and supplies should be provided to enhance hands-on experiences for students.

Animal Biotechnology 3

Course No. 8106120

Prerequisite: Agriculture Biotechnology 2

Credit: 1.0

This course is designed to develop competencies in the areas of biotechnology in animal science, animal growth and reproduction, and the role of animals in society.

Agriscience Foundations 1

Course No.: 8106810

Prerequisite: None

Credit: 1.0

This course is designed to develop competencies in the areas of agricultural history: global importance of agriculture, career opportunities, applied scientific and technological concepts, ecosystems, agricultural safety, principles of integrated pest management, principles of plant and animal growth, economic principles, agricultural marketing and human relations skills. Laboratory activities are an integral part of this course, which includes the safe use and application of high technology equipment, telecommunications equipment and scientific testing and observation equipment.

Agriculture Biotechnology 2

Course No. 8106850

Prerequisite: Introduction to Biotechnology

Credit: 1.0

This course was developed as a core and is designed to develop competencies in the areas of agricultural biotechnology in agriculture, scientific investigation, laboratory safety, scientific and technological concepts; and the fundamentals of biotechnology.

Landscape and Turf Science 5

Course No.: 8121320

Prerequisite: Landscape and Turf Science 4

Credit: 1.0

This course is designed to further develop competencies in the areas of chemical application, equipment calibration, analyzing and designing landscape and turf, preparing estimates and contracts, lay out and installation of landscape, interiors cape and turf.

Sports Turf

Course No.: 8121410

Prerequisite:

Credit: 1.0

This course is designed to further develop competencies in the areas of maintenance of greens and tees; maintenance of fairways, roughs and traps; fertilization of turf and establishing turfgrass.

Introductory Horticulture 2

Course No.: 8121510

Prerequisite: Agriscience Foundation I

Credit: 1.0

This course is designed to develop competencies in the areas of career opportunities. The global importance of agriculture, plant classification, propagation, growing media, nutritional needs, fertilization, irrigation, pest identification, pest control, pruning, plant installation, transplanting, safe hand-tool use and employability skills are covered.

Horticulture Science 3

Course No.: 8121520

Prerequisite: Introductory Horticulture 2

Credit: 1.0

This course is designed to develop competencies in the areas of industry regulations, plant classification, plant transportation, soil sampling and analysis, fertilizer calculations, record keeping, irrigation components, water quality, drainage, integrated pest management, pesticide safety and regulations, equipment calibration, chemical growth regulators, xeriscaping, integrated landscape management, safe use of power equipment, record keeping and employability skills.

Landscape and Turf Science 4

Course No.: 8121310

Prerequisite: Horticulture Science 3

Credit: 1.0

This course is designed to further develop competencies in the areas of use and maintenance of landscape and turf equipment, classification of plants and turf grass, fertilization and irrigation.

Keyboarding and Business Skills

Course No. 8200320

Prerequisite: None

Credit: 0.5

This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basic skills and foundations required for today's business environments.

Computer and Business Skills

Course No. 8200330

Prerequisite: Keyboarding and Business Skills

Credit: 0.5

This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basic skills and foundations required for today's business environments.

Business Cooperative Education-OJT

Course No.: 8200410

Prerequisite: None

Credit: Maximum 3.0

This course is designed to provide the on-the-job training component when the cooperative method of instruction is used to prepare students for employment in business occupations.

Accounting Applications 1

Course No.: 8203310

Prerequisite: Keyboarding and Business Skills or Business Systems and Technology or Introduction to IT

Credit: 1.0

This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expense, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers is required.

Accounting Applications 2

Course No.: 8203320

Prerequisite: Accounting Applications 1

Credit: 1.0

This course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records and internal control systems. The use of computers is required.

Business Computer Programming 1

Course No.: 8206010

Prerequisite: None

Credit: 1.0

This course introduces computer programming concepts for business applications. The content includes basic information processing and computer functions; operating systems, environments, and hardware platforms; programming techniques and concepts; and basic financial business concepts.

Business Computer Programming 2

Course No.: 8206020

Prerequisite: Business Computer Programming 1

Credit: 1.0

This course continues the study of computer programming concepts for business applications. The content includes information processing and computer functions; operating systems; programming techniques and concepts for sequential, indexed sequential, random,

and direct files; and the integrated nature of corporate systems.

Business Computer Programming 3

Course No.: 8206030

Prerequisite: Business Computer Programming 2

Credit: 1.0

This course continues the study of computer programming concepts for business applications. The content includes interfaces for systems integration software quality assurance, and advanced programming techniques and concepts.

Business Computer Programming 4

Course No.: 8206040

Prerequisite: Business Computer Programming 3

Credit: 1.0

This course continues the study of computer programming concepts for business applications. The content includes client/server environments, interactive programming, and vendor application programming.

Networking 1

Course No. 8207020

Prerequisite: Computing for Colleges and Careers or Introduction to Information Technology

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions. This program focuses on broad, transferable skills and stresses understanding and demonstration of various elements of network support services.

Networking 2, Infrastructure

Course No. 8207030

Prerequisite: Networking 1

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions. This program focuses on broad, transferable skills and stresses understanding and demonstration of various elements of network support services.

Networking 3, Infrastructure

Course No. 8207040

Prerequisite: Networking 2 and Meet Honors Criteria

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions. This program focuses on broad, transferable skills and stresses understanding

and demonstration of various elements of network support services.

Networking 4, Infrastructure

Course No. 8207050

Prerequisite: Networking 3 and Meet Honors Criteria

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions. This program focuses on broad, transferable skills and stresses understanding and demonstration of various elements of network support services.

Networking 5

Course No. 8207060

Prerequisite: Networking 4 and Meet Honors Criteria

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions. This program focuses on broad, transferable skills and stresses understanding and demonstration of various elements of network support services.

Networking 6

Course No. 8207070

Prerequisite: Networking 5 and Meet Honors Criteria

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions. This program focuses on broad, transferable skills and stresses understanding and demonstration of various elements of network support services.

Introduction to Information Technology

Course No. 8207310

Prerequisite: None

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions.

***This course will satisfy the high school graduation requirement**

New Media and Digital Imaging Fundamentals

Course No. 8207410

Prerequisite: Computing for Colleges and Careers or Introduction to Information Technology

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in digital media, new media and multimedia productions.

***This course will satisfy the high school graduation requirement.**

Digital Media/Multimedia Foundations 1

Course No. 8201210

Prerequisite: None

Credit: 1.0

This program provides competencies in presentation production issues, basic computer knowledge, illusion software, digital still photography, and photo editing software.

Digital Media/Multimedia Foundations 2

Course No. 8201220

Prerequisite: Digital Media/Multimedia Foundations 1

Credit: 1.0

This course covers competencies in advanced design, color modes, and fonts

Digital Media/Multimedia Foundations 3

Course No. 8201230

Prerequisite: Digital Media/Multimedia Foundations 2

Credit: 1.0

This course covers competencies in design layout software.

Digital Media/Multimedia Foundations 4

Course No.: 8201240

Prerequisite: Digital Media/Multimedia Foundations

Credit: 1.0

This course covers competencies in web page design, HTML and CSS, and software authoring for webpage design.

Digital Video Technology 1

Course No.: 8201410

Credit: 1.0

This course provides students with an introduction to the digital video production process; content includes safe work practices, planning a production set, designing lighting plans, camera operation, and audio/video recording, mixing, and editing. **This is a level 3 Course, Honors Weighting.**

Digital Video Technology 2

Course No.: 8201420

This course provides students with intermediate level instruction in the digital video production process.

This is a level 3 Course, Honors Weighting.

Digital Video Technology 3

Course No.: 8201430

Credit: 1.0

Students will participate in the digital video pre-production, production, and post-production processes.

This is a level 3 Course, Honors Weighting.

Digital Video Technology 4

Course No.: 8201440

Credit: 1.0

Students will demonstrate proficiency in all phases of the digital video production process (pre-production, production, post-production). **This is a level 3 Course, Honors Weighting.**

Digital Video Technology 5

Course No.: 8201450

Credit: 1.0

Students will demonstrate professionalism, develop interviewing skills, perform on camera in video productions, and complete all phases in the digital video production process. **This is a level 3 Course, Honors Weighting.**

Digital Video Technology 6

Course No.: 8201460

Credit: 1.0

This course requires the student to plan, coordinate, and manage all aspects of a video or webcast production. **This is a level 3 Course, Honors Weighting.**

Television Production Technology 1

Course No.: 8201510

Students will learn the correct and safe use of TV production equipment, lighting, following and writing scripts, video recording, and video editing.

Television Production Technology 2

Course No.: 8201520

Students will expand on skills learned in TV Production Technology 1 and also learn to stage a set and create captions and graphics added during the editing process.

Television Production Technology 3

Course No.: 8201530

Students will expand on skills learned in TV Production Technology 1 and 2 and also learn film directing, performing on-screen, and creating a television show from the beginning.

Television Production Technology 4

Course No.: 8201540

Students will expand on skills learned in TV Production Technology 3.

Television Production Technology 5

Course No.: 8201550

Students will expand on skills learned in TV Production 3 and 4 and also learn advanced scriptwriting techniques, setting production deadlines, and performing advanced audio and video editing operations.

Digital Video and Sound Fundamentals

Course No. 8207420

Prerequisite: Computing for Colleges and Careers or Introduction to Information Technology or New Media and Digital Imaging Fundamentals

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in digital media, new media and multimedia productions.

***This course will satisfy the high school graduation requirement**

Digital Design 1

Course No.: 8209510

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision-making activities, and digital imaging.

Digital Design 2

Course No.: 8209520

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision-making activities, and digital imaging.

Digital Design 3

Course No.: 8209530

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision-making activities, and digital imaging.

Digital Design 4

Course No. 8209540

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision-making activities, and digital imaging.

Administrative Office Technology 1

Course No.: 8212110

Prerequisite: Business Systems and Technology
Credit: 1.0

This course is designed to assist with administrative and general office duties in a support capacity. This course

explores and expands the core competencies in the areas of personal and professional development and promotes application of higher level office procedures, tasks and communications skills through the use of technology.

Business Software Applications 1

Course No.: 8212120

Prerequisite: Business Systems and Technology

Credit: 1.0

This course is designed to develop proficiency in using the advanced features of software programs to perform office-related tasks.

Business and Entrepreneurial Principles

Course No.: 8215120

Prerequisite: Business Systems and Technology

Credit: 1.0

This course is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, supervisory / management skills, leadership skills, human resources management activities, business ethics, and cultural diversity. Emphasis is placed on job readiness and career development. The use of computers is an integral part of this program.

Legal Aspects of Business

Course No.: 8215130

Prerequisite: Business Systems and Technology

Credit: 1.0

This course is designed to provide an introduction to the legal aspects of business. Topics include business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources management issues and career development.

International Business Systems

Course No. 8216110

Prerequisite: Accounting Applications 1

Credit: 1.0

This program will prepare students to live and work in a global economy. Students develop an understanding of business principles, management styles, economics, and customs which affect business systems in the international environment.

International Finance and Law

Course No. 8216120

Prerequisite: International Business Systems and Meet Honors Criteria

Credit: 1.0

This program will introduce students to the laws and regulations governing international trade including knowledge of import-export activities, banking, treaties and currency exchange rates.

Business Internship

Course No. 8216130

Prerequisite: International Business Systems

Credit: 1.0

This program will provide students with the opportunity to stimulate their career interest in business. Students will also enhance and apply the instructional competencies learned in the classroom with the internship experience.

Workplace Essentials

Course No.: 8300310

Prerequisite: None

Credit: 0.5

This purpose of this course is to provide students with those workplace skills essential for gainful employment. The content of this course includes the following: developing an employment plan, seeking and applying for employment opportunities, accepting employment, communicating on the job, maintaining professionalism, adapting and coping with change, problem-solving and decision-making, maintaining a safe and healthy work environment, demonstrating work ethics and behavior, demonstrating technological literacy, maintaining interpersonal relationships and demonstrating leadership and team work.

Workplace Technology Applications

Course No.: 8300330

Prerequisite: Workplace Essentials

Credit: 0.5

The purpose of this course is to provide students with general knowledge of technology, how it works, and its uses in the workplace.

Cooperative Diversified Education - OJT

Course No.: 8300420

Prerequisite: Present or prior enrollment in preparatory course related to employment area. Students must provide own transportation.

Credit: Multiple

The purpose of Cooperative Diversified Education (CDE) is to provide the student with competencies developed through paid, supervised on-the-job training related to instruction in a job preparatory program.

Guided Workplace Learning

Course No.: 8300430

Prerequisite: Teacher Recommendation

Credit: Multiple

The purpose of this course is to provide students with the opportunity to gain practical, first-hand knowledge in broad occupational clusters or industry sectors through a structured internship experience. This internship is designed to give students an opportunity to integrate occupational and applied academic learning and to apply knowledge and skills learned in a classroom to actual work situations not generally available through paid employment.

Technical Design

Course No.: 8401010

Prerequisite: None

Credit: 1.0

This course provides students with instruction in the characteristics and evolution of technology, underlying principles of design, and fundamental knowledge and skills in the use of illustration and drafting software. Included in the content is the use of essential application software. The ultimate output of this course is a design portfolio created by the student. Each item or product included in the portfolio should include a narrative description and an explanation of the technical approach or techniques used to create the item. Consideration should be given to having students present the portfolio using presentation software.

Technical Design 2

Course No.: 8401020

Prerequisite: Technical Design I

Credit: 1.0

In this course, students learn more about the nature of design and drafting techniques for architectural purposes. Students are also provided with instruction in a variety of technical illustrations commonly produced to depict architectural concepts and designs. Students are expected to continue collating their portfolio using exemplars of their work. As with previous portfolio pieces, each exemplar should include a narrative description of the item with an explanation of any special techniques used to create the item.

Applied Engineering Technology I

Course No.:

Prerequisite: None

Credit: 1.0

This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the associated mathematics, science, and technology knowledge and skills. The course

also includes essential concepts of technology and design, as well as concerns about the social and political implications of technological change.

Applied Engineering Technology 2

Course No.: 8401120

Credit: 1.0

Prerequisite: Civil Engineering 1, Applied Engineering 1

This course provides students with opportunities to further their mastery of engineering-related math and science principles to design solutions to real world problems. The course also includes a more in-depth look into the relationship between technology and design.

Applied Engineering Technology 3

Course No.: 8401130

Credit: 1.0

Prerequisite: Applied Engineering 2

This course provides opportunities for students to apply their acquired knowledge and skills in engineering scenarios. The course features multiple options for providing context-based projects oriented to specific fields of engineering. This feature enables instruction in complex projects involving multi-faceted project teams by providing instruction oriented to four key engineering disciplines: mechanical, electrical, civil, and environmental.

Health Science 1

Course No.: 8417100

Prerequisite: None

Credit: 1.0

The purpose of this course is to prepare students for employment as health care assistants. Content will emphasize knowledge of anatomy and physiology, medical terminology and representative skills of health care workers.

Health Science 2

Course No.: 8417110

Prerequisite: Health Science 1

Credit: 1.0

This second level course will emphasize an integration of scientific principles based on anatomy and physiology. Students will study medical terminology, disease control, illnesses and common therapy.

Allied Health Assistant 3

Course No.: 8417131

Prerequisite: Health Science 2

Credit: 1.0

Students will perform skills representative of at least three major allied health areas in the school laboratory and in a clinical rotation.

Electrocardiograph Aide 3

Course No.: 8417161

Prerequisite: Health Science 1 and 2

Credit: 1.0

This course prepares students to be employed as Electrocardiograph aides. Content includes, but is not limited to, a foundation in the cardiovascular system, safety measures for the individual, coworkers and patients as well as training in the appropriate theories and instruments used by an Electrocardiograph Aide. Laboratory investigations, including the use of scientific research, measurement, and laboratory technologies are an integral part of this course. These activities include instruction in the use of safety procedures, tools, equipment, materials, and processes related to these occupations. Equipment and supplies should be provided to enhance hands-on experiences for students.

This program requires a clinical component of approximately 50% the length of the program.

First Responder

Course No.: 8417171

Prerequisite: Health Science 1 and 2

Credit: 1.0

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Health Science career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of Health Science career cluster. The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues. Clinical learning experiences are an integral part of this program.

Nursing Assistant

Course No.: 8417211

Prerequisite: Health Science 1 and 2

Credit: 1.0

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Health Science career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of Health Science career cluster. This course is designed to prepare students for employment as nursing assistants SOC- 31-1014 (Nursing Assistants) in nursing homes, hospitals, or other health care facilities.

The content includes, but is not limited to, interpersonal skills, medical terminology, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, pet-facilitated therapy, health and safety including Cardio-pulmonary Resuscitation (CPR) – heart saver level, and employability skills.

Electrocardiograph Technician 3

Course No.: 8427130

Credit: 1.0

This course prepares students to be employed as Electrocardiograph Technicians. Content includes, but is not limited to, a foundation in the cardiovascular system, safety measures for the individual, co-workers and patients as well as training in the appropriate theories and instruments used by a Electrocardiograph Technician. **This is a level 3 course, Honors Weighting.**

Family and Consumer Sciences Directed Study

Course No.: 8500100

Prerequisite: Teacher Recommendation

Credit: Multiple

The purpose of this course is to provide students with additional competencies in a Family and Consumer Sciences program that will enhance their opportunities for employment in their chosen occupation.

Personal and Family Finance

Course No.: 8500120

Prerequisite: None

Credit: .5 credit

The purpose of this course is to give students an overview of personal and family finance concepts including the American economic system, personal and family management of resources including income, money management, saving and investing, spending and credit, the role of financial institutions and the consumer,

consumer information and taxation and financial planning. This content includes, but is not limited to, consumer rights and responsibilities, record-keeping, decision making and consumer choices, resource management, credit, taxation, wills, savings plans, investments, money management resources, insurance and contracts.

Parenting Skills

Course No.: 8500300

Prerequisite: None

Credit: .5 credit

The content includes but is not limited to parenting roles and responsibilities; nurturing and protective environments for children; positive parenting strategies; effective communication in parent/child relationships; multicultural diversity and trends in technology.

Child Development

Course No.: 8500310

Prerequisite: None

Credit: 0.5

The purpose of this course is to prepare students to understand the nature of child development from conception to school age. This course emphasizes positive development and nurturing of the family at each stage of a child's growth.

Principles of Clothing Construction

Course No.: 8500380

Prerequisite: None

Credit: 0.5

The purpose of this course is to prepare students to identify the characteristics of fibers, fabrics and textiles; to interpret consumer protection laws related to clothing and textiles; and to construct garments.

NOTE: State statute will not permit more than three (3) credits in practical arts family and consumer science courses.

Family and Consumer Sciences OJT

Course No.: 8500410

Prerequisite: Teacher Recommendation

Credit: Multiple

The purpose of this course is to provide an on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following are required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives and a list of on-the-job and in-school learning experiences; and a work station which reflects equipment, skills and tasks which are relevant to

the occupation which the student has chosen as a career goal. The student must be paid for work performed.

Early Childhood Education 1

Course No.: 8503211

Prerequisite: None

Credit: 1.0

This course covers the 10 and 20 hour competencies for the Department of Children and Families and general competencies for initial employment. Students will acquire competence in state rules and regulations; clean, safe and healthy learning environments; food service and nutrition education; child abuse and neglect; principles of child development; observation and recording; developmentally appropriate practices including methods of guidance, professionalism, communication, leadership and organizational skills; community resources; career opportunities.

Early Childhood Education 2

Course No.: 8503212

Prerequisite: Early Childhood Education 1

Credit: 1.0

This course prepares students to become preschool teachers. Students will acquire competence in developmentally appropriate activities for infants, toddlers, preschoolers, school age children to age eight and special needs children.

***This course will satisfy the high school graduation requirement**

Early Childhood Education 3

Course No.: 8503213

Prerequisite: Early Childhood Education 2

Credit: 1.0

This course teaches the management skills of becoming a preschool teacher. Students will acquire competence in the areas of child development theories, current trends and issues, legislation, heredity, classroom management, developmentally appropriate curriculum and environments, multiculturalism and teacher resource files.

***This course will satisfy the high school graduation requirement**

Early Childhood Education 4

Course No.: 8503214

Prerequisite: Early Childhood Education 3

Credit: 1.0

This course prepares students to be child development specialists. Students will acquire competence in the areas of mentoring, workshop development, team building, advocacy, brain research and professional development.

Design Services Core

Course No.: 8506405

Prerequisite:

Credit: 1.0

This course is the core course of the Interior Design Services program. It is designed to develop competencies in the areas of the interior design/decorating industry. It includes essential basic skills for working in design services, leadership and organizational skills, basic principles of design, textile characteristics and care, employability skills, relationship of human factors to design services, safe use of tools and equipment, and selection of appropriate materials.

Principles of Fashion Design

Course No.: 8506410

Prerequisite:

Credit: 1.0

This course is the second course of the fashion design services program. It is designed to further develop competencies in the area of fashion design services. It includes employment opportunities in fashion design services, basic skills essential to working in this industry, employability skills, elements and principles of design, the terminology of the apparel industry, garment construction skills, sales techniques, and entrepreneurship.

***This course will satisfy the high school graduation requirement**

Pattern Design Techniques

Course No.: 8506420

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course is designed to further develop competencies in the area of fashion design services. It includes researching history and culture's effect on design, sketching and free hand drawing, use of technology in the fashion industry, clothing needs for special populations, and creation of an original pattern.

***This course will satisfy the high school graduation requirement**

Fashion Design Specialist

Course No.: 8506430

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course is designed to further develop competencies in the area of fashion design services. This course focuses on five specialty areas of fashion design services: window display, fashion design assistant, tailor's assistant, personal shopper, and stylist. Students will select one of those specialty areas and will be expected to follow the performance standards for that area.

***This course will satisfy the high school graduation requirement**

Principles of Interior Design Services

Course No.: 8506540

Prerequisite:

Credit: 1.0

This course is the second course in the Interior Design Services program. It is designed to further develop competencies in the area of interior design services. It includes employment opportunities in interior design services, basic skills essential to working in this industry, employability skills, the elements and principles of design, sales techniques and entrepreneurship.

***This course will satisfy the high school graduation requirement**

Interior Design Techniques

Course No.: 8506550

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course is designed to further develop competencies in the area of interior design services. It includes components of the design process, the effect of history and culture on design, sketching and free hand drawing, the impact of human, environmental and ergonomic factors on design, rendering techniques, and the development of a design project. ***This course will satisfy the high school graduation requirement**

Interior Design Specialist

Course No.: 8506560

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course is designed to further develop competencies in the area of interior design services. This course focuses on four specialty areas of interior design services: kitchen and bath planning; floor, wall, and window treatments; furniture, lighting and accessories; and audio visual and security systems. Students will select on one of those specialty areas and will be expected to follow the performance standards for that area.

***This course will satisfy the high school graduation requirement**

Introduction to Engineering Design

Course No.: 8600550

Prerequisite:

Credit: 1.0

This course exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, they will learn to use 3D solid modeling design software to design solutions to problems. Students will develop problem-solving skills and apply their knowledge of

research and design to create solutions, document the process, and communicate the results.

Engineering Technology I

Course No.: 8600570

Prerequisite: Meet Dual Enrollment Criteria and Teacher Recommendation

Credit: 0.5

This course is an introduction to the interdisciplinary aspects of the engineering of aerospace systems. This is a project-based course demonstrating how aerospace engineering, electrical engineering, computer engineering, civil engineering, and software engineering are combined to produce results. This is a dual enrollment course with Embry-Riddle Aeronautical University. Students will receive .5 credit in the engineering program of study.

Aerospace Technologies I

Course No. 8600580

Prerequisite: Acceptance to Aerospace Academy

Credit: 1.0

This course provides students with an introduction to the knowledge, human relations, and technological skills found today in Aerospace Technologies.

Civil Engineering and Architecture

Course: 8600590

Credit: 1.0

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of engineering and its effect upon our lives and the choosing of an occupation.

Engineering Design and Development

Course No.: 8600650*

Credit: 1.0

The purpose of this course is to serve as a capstone course to provide students with the opportunity to develop a solution to a design problem from start to finish. Students work in teams to design, engineer, create a prototype, perform product testing, and then produce a technology education, but across the curriculum. Students will be expected to create and deliver a formal report on the project. **This is a level 3 Course, Honors Weighting.** *Note: Course 8600650 is intended to serve as a capstone course.

Engineering Technology II

Course No.: 8600670

Prerequisite: Engineering Technology I and Meet Dual Enrollment Criteria and Teacher Recommendation

Credit: 0.5

An introductory course in Aeronautical Science designed to provide the student with a broad-based aviation orientation in flight-related areas appropriate to all non-Aeronautical Science degree programs. This is a dual enrollment course with Embry-Riddle Aeronautical University. Students will receive .5 credit in the engineering program of study.

Aerospace Technologies II

Course No. 8600680

Prerequisite: Acceptance to Aerospace Academy

Credit: 1.0

This program provides students with an intermediate understanding of the knowledge, human relations, and technological skills found today in Aerospace Technologies.

This course is used exclusively by the St. Johns Aerospace Academy. Starting with the 2007-2008 school year, this course represents an Embry Riddle Aeronautical University dual enrollment course and carries a full honors weight just as other dual enrollment course.

Material and Processes Technology 1

Course No.: 8601100

Prerequisite:

Credit: 1.0

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the technology of materials and processes. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

Aerospace Technologies III

Course No. 8601780

Prerequisite: Acceptance to Aerospace Academy

Credit: 1.0

This program provides students with an advanced understanding of the knowledge, human relations, and technological skills found today in Aerospace Technologies.

This course is used exclusively by the St. Johns Aerospace Academy. Starting with the 2007-2008 school year, this course represents an Embry Riddle Aeronautical University dual enrollment course and carries a full honors weight just as other dual enrollment course.

Technology for Hospitality & Tourism

Course No.: 8703110

Credit: 1.0

This course is designed to provide an introduction to computer technology and to develop entry-level skills for computer-related careers in the hospitality and tourism industry.

Hospitality & Tourism Marketing Management

Course No.: 8703120

Credit: 1.0

The purpose of this course is to provide students necessary career specific instruction in hospitality and tourism marketing management. Students will learn sales and management techniques, marketing principles, and entrepreneurship skills necessary to succeed in the hospitality and tourism industry. This course incorporates marketing and management principles and procedures of the hospitality and tourism industry as well as employment qualifications and opportunities.

This is a level 3 Course, Honors Weighting.

Hospitality & Tourism Entrepreneurship

Course No.: 8703130

Credit: 1.0

The purpose of this course is to provide with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality related industries. In addition, this course is designed so that performance standards meet employer expectations, enhancing the employability of students.

This is a level 3 Course, Honors Weighting.

Aviation Maintenance General 1

Course No. 8715110

Prerequisite: Acceptance to Aerospace Academy

Credit: 1.0

The purpose of this program is to prepare students for employment or advanced training in the commercial and general aviation industry.

This course is used exclusively by the St. Johns Aerospace Academy. Starting with the 2007-2008 school year, this course represents an Embry Riddle Aeronautical University dual enrollment course and carries a full honors weight just as other dual enrollment course.

Aviation Maintenance General 2

Course No. 8715120

Prerequisite: Acceptance to Aerospace Academy

Credit: 1.0

The purpose of this program is to prepare students for employment or advanced training in the commercial and general aviation industry.

This course is used exclusively by the St. Johns Aerospace Academy. Starting with the 2007-2008 school year, this course represents an Embry Riddle Aeronautical University dual enrollment course and carries a full honors weight just as other dual enrollment course.

Aviation Maintenance General 3

Course No. 8715130

Prerequisite: Acceptance to Aerospace Academy

Credit: 1.0

The purpose of this program is to prepare students for employment or advanced training in the commercial and general aviation industry.

This course is used exclusively by the St. Johns Aerospace Academy. Starting with the 2007-2008 school year, this course represents an Embry Riddle Aeronautical University dual enrollment course and carries a full honors weight just as other dual enrollment course.

Commercial Art Technology 1

Course No.: 8718010

Prerequisite: Computer Graphics

Credit: 1.0

This course is designed to provide instruction in the basics of commercial art.

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 2

Course No.: 8718020

Prerequisite: Commercial Art Technology 1

Credit: 1.0

This course is designed to provide instruction in the graphic production and basic science as it applies to commercial art.

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 3

Course No.: 8718030

Prerequisite: Commercial Art Technology 2

Credit: 1.0

This course is designed to provide instruction in the computer applications for commercial art and employability skills.

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 4

Course No.: 8718040

Prerequisite: Commercial Art Technology 3

Credit: 1.0

This course is designed to provide instruction in design skills and typography.

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 5

Course No.: 8718050

Prerequisite: Commercial Art Technology 4

Credit: 1.0

This course is designed to provide instruction in layout, paste-up and applied design techniques.

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 6

Course No.: 8718060

Prerequisite: Commercial Art Technology 5

Credit: 1.0

This course is designed to provide instruction in computer skills and application.

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 7

Course No.: 8718070

Prerequisite: Commercial Art Technology 6

Credit: 1.0

This course is designed to provide instruction in technical art skills and proficiency in illustration skills.

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 8

Course No.: 8718080

Prerequisite: Commercial Art Technology 7

Credit: 1.0

This course is designed to provide instruction in graphic art computer skills and airbrush skills for the illustrator. **S**

***This course will satisfy the high school graduation requirement**

Commercial Art Technology 9

Course No.: 8718090

Prerequisite: Commercial Art Technology 8

Credit: 1.0

This course is designed to provide instruction in technical art skills for the print media artist.

Commercial Art Technology 10

Course No.: 8718091

Prerequisite: Commercial Art Technology 9

Credit: 1.0

This course is designed to provide instruction in computer skills and application for the print media artist and an overview of free enterprise.

***This course will satisfy the high school graduation requirement**

Building Construction Technology 1

Course No.: 8720310

Prerequisite: None

Credit: 1.0

The purpose of this course is to develop the competencies essential to the building construction industry. These competencies include skills and knowledge related to safety practices, understanding all aspects of the industry and the use of hand and power tools and related construction theory.

Building Construction Technology 2

Course No.: 8720320

Prerequisite: Building Construction Technology 1 and Teacher Recommendation

Credit: 1.0

The purpose of this course is to develop the competencies necessary for the building, construction and repair industry. These competencies relate to construction components, materials and hardware, masonry skills and theory.

Building Construction Technology 3

Course No.: 8720330

Prerequisite: Building Construction Technology 2 and Teacher Recommendation

Credit: 1.0

This course is designed to provide students with a more in-depth theory and knowledge of building construction and repair. The competencies in this course include communication, computer, basic-science, employability, human-relations and leadership skills.

Building Construction Technology 4

Course No.: 8720340

Prerequisite: Building Construction Technology 3 and Teacher Recommendation

Credit: 1.0

The purpose of this course is to develop competencies in identifying codes and regulations, applying math skills, and reading contract documents and specifications.

Building Construction Technology 5

Course No.: 8720350

Prerequisite: Building Construction Technology 4 and Teacher Recommendation

Credit: 1.0

The purpose of this course is to develop knowledge and skills in the use of power tools and heavy equipment and enhance carpentry skills and theory.

Building Construction Technology 6

Course No.: 8720360

Prerequisite: Building Construction Technology 5 and Teacher Recommendation

Credit: 1.0

This course is designed to develop competencies in the theory, construction and installation of cabinets, finishes, roofs and plumbing systems.

Building Construction Technology 7

Course No.: 8720370

Prerequisite: Building Construction Technology 6 and Teacher Recommendation

Credit: 1.0

This course is designed to provide students with a more in-depth knowledge of building construction technology and skills in the installation, repair and replacement of electrical, heating, ventilation, and air-cooling (HVAC) systems; site preparation and maintenance; and entrepreneurship.

Carpentry and Cabinetmaking 1

Course No.: 8722110

Prerequisite: None

Credit: 1.0

The purpose of this course is to develop the competencies essential to the carpentry and cabinetmaking industry. These competencies relate to safety practices, tool-and equipment utilization, identification of building materials, fasteners and hardware, basic math, communication and blueprint reading.

Carpentry and Cabinetmaking 2

Course No.: 8722120

Prerequisite: Carpentry and Cabinetmaking 1 and Teacher Recommendation

Credit: 1.0

The purpose of this course is to develop in-depth knowledge and skills related to safety, manual and power tools, the construction industry in America, math applications, communication and blueprint reading and develop the competencies essential to the carpentry and cabinetmaking industry. These competencies relate to employability skills, customer relations and entrepreneurship.

Carpentry and Cabinetmaking 3

Course No.: 8722130

Prerequisite: Carpentry and Cabinetmaking 2 and Teacher Recommendation

Credit: 1.0

This course provides students with an in-depth knowledge of trim and finish carpentry. It trains students to use blueprints and specifications and to install an exterior covering and trim, interior doors, interior-stair systems, interior walls, ceiling coverings, cabinets and shelving.

Carpentry 4

Course No.: 8722140

Prerequisite: Carpentry and Cabinetmaking 3 and Teacher Recommendation and Meet Honors Criteria

Credit: 1.0

This course provides students with the knowledge and skills needed for trim and finish carpentry. The content is related to interior stair systems, interior wall and ceiling covering systems, cabinets and shelving.

Carpentry 5

Course No.: 8722150

Prerequisite: Carpentry 4, Teacher Recommendation and Meet Honors Criteria

Credit: 1.0

This course provides students with the knowledge and skills needed for frame and form carpentry. The content includes blueprints and specifications, site preparation,

framing, walls, partition framing, roof framing, roof trusses and sheathing.

Carpentry 6

Course No.: 8722160

Prerequisite: Carpentry 5, Teacher Recommendation and Meet Honors Criteria

Credit: 1.0

This course provides students with the in-depth knowledge and skills needed for frame and form carpentry. The content deals with the use of a transit and a builder's level; the construction of forms; and the installation of rigging and scaffolding, exterior doors and stairs, and window units.

Carpentry 7

Course No.: 8722170

Prerequisite: Carpentry 6 and Teacher Recommendation

Credit: 1.0

This course provides students with the in-depth knowledge and skills needed for frame and form carpentry. The content deals with the use of a transit and a builder's level; the construction of forms; and the installation of rigging and scaffolding, exterior doors and stairs, and window units.

Masonry 1

Course No.: 8722610

Prerequisite: None

Credit: 1.0

This course provides students with the competencies essential to the masonry industry. These competencies include knowledge and skills related to safety practices, the masonry industry in America, the use of hand tools, the selection and mixing of mortars and concrete, brick and block laying, tile setting and mosaics, ornamental concrete and fountains.

Masonry 2

Course No.: 8722620

Prerequisite: Masonry 1

Credit: 1.0

The purpose of this course is to develop the competencies necessary to the masonry industry. These competencies include knowledge and skills related to the properties, characteristics, and uses of brick and concrete block; bonding; methods of masonry practices; masonry cleaning; scaffolding; communication and computer use.

Masonry 3

Course No.: 8722630

Prerequisite: Masonry 2

Credit: 1.0

This course provides students with competencies in math, basic science, customer relations, employability and entrepreneurship.

Masonry 4

Course No.: 8722640

Prerequisite: Masonry 3

Credit: 1.0

This course is designed to provide students with competencies in construction drawings and specifications and in building layout.

Masonry 5

Course No.: 8722650

Prerequisite: Masonry 4

Credit: 1.0

This course provides students with an in-depth study of foundation building, materials and cost estimations and power-equipment operation.

Masonry 6

Course No.: 8722660

Prerequisite: None

Credit: 1.0

This course is designed to provide students with an in-depth knowledge of concrete masonry. The competencies in this course relate to the use and maintenance of hand and power tools, the preparation of a site and concrete pouring.

Drafting 1

Course No.: 8725010

Prerequisite: None

Credit: 1.0

This course provides students with an introduction to the knowledge, skills, equipment, tools and basic principles of architecture and design.

***This course will satisfy the high school graduation requirement**

Drafting 2

Course No.: 8725020

Prerequisite: Drafting 1 and Teacher Recommendation

Credit: 1.0

This course provides students with an expanded study and application of knowledge and skills in engineering, drawing, technical illustrating or architectural drawing, including skills in computer assisted drafting and designing.

***This course will satisfy the high school graduation requirement**

Drafting 3

Course No.: 8725030

Prerequisite: Drafting 2 and Teacher Recommendation

Credit: 1.0

This program provides students with an advanced program related to drafting technology. Advanced, computer-aided drafting functions are performed.

***This course will satisfy the high school graduation requirement**

Drafting 4

Course No.: 8725040

Prerequisite: Drafting 3 and Teacher Recommendation

Credit: 1.0

This program provides students with an advanced program related to drafting technology. Advanced, computer-aided drafting functions are performed.

***This course will satisfy the high school graduation requirement**

Architectural Drafting 5

Course No.: 8725450

Prerequisite: Drafting 4 and Teacher Recommendation

Credit: 1.0

The student will be able to prepare pictorial drawings-isometric and oblique.

***This course will satisfy the high school graduation requirement**

Architectural Drafting 6

Course No.: 8725460

Prerequisite: Architectural Drafting 5 and Teacher Recommendation

Credit: 1.0

The student will be able to prepare perspectives, interpret catalogs, specifications, technical tables, codes and ordinances.

Construction Management

Course No.: 8725600

Prerequisite: Student must have credits to be a junior and have at least one credit in drafting, carpentry or building technology.

Credit: 1.0

Students will learn skills in blueprint reading and use, codes and standards, material estimation, employability skills and entrepreneurship.

Biotechnology 3 Honors

Course No.: 8736030

Prerequisite: Biotechnology 2

Credit: 1.0 CTE

The purpose of this course is to provide exploratory experience combining laboratory and real-life applications in the field of Biotechnology.

Printing and Graphic Communications 1

Course No: 8739010

Prerequisite: None

Credit: 1.0

This course offers content aligned with academic standards and technical knowledge and skills needed to prepare for further education and careers in the communications career cluster.

Printing and Graphic Communications 2

Course No: 8739020

Prerequisite: Printing and Graphic Communications 1

Credit: 1.0

This course offers coherent content aligned with academic standards and technical knowledge and skills needed to prepare for further education and careers in the communications career cluster. Students will attain skills in reproduction photography and image assembly.

Printing and Graphic Communications 3

Course No: 8739030

Prerequisite: Printing and Graphic Communications 2

Credit: 1.0

This course offers coherent and rigorous content aligned with academic standards and technical knowledge and skills needed to prepare for further education and careers in the communications career cluster. Students will attain skills in finishing and binding operations.

Printing and Graphic Communications 4

Course No: 8739040

Prerequisite: Printing and Graphic Communications 3

Credit: 1.0

This course offers coherent and rigorous content aligned with academic standards and technical knowledge and skills needed to prepare for further education and careers in the communications career cluster. Students will attain skills in film assembly and plate making.

Printing and Graphic Communications 5

Course No: 8739050

Prerequisite: Printing and Graphic Communications 4

Credit: 1.0

This course offers coherent and rigorous content aligned with academic standards and technical knowledge and skills needed to prepare for further education and careers in the communications career cluster. Students will attain skills in plate making as well as electronic imaging competencies.

Printing and Graphic Communications 6

Course No: 8739060

Prerequisite: Printing and Graphic Communications 5

Credit: 1.0

This course offers coherent and rigorous content aligned with academic standards and technical knowledge and skills needed to prepare for further education and

careers in the communications career cluster. Students will attain skills in electronic imaging competencies and typography.

Commercial Foods and Culinary Arts 1

Course No.: 8763010

Prerequisite: None

The student will be able to demonstrate dining room operations skills; demonstrate proficiency in employability skills; demonstrate appropriate math skills; demonstrate general housekeeping operations skills; demonstrate proficiency in appropriate communication skills; demonstrate appropriate understanding of basic science.

***This course will satisfy the high school graduation requirement**

Television Production 1

Course No.: 8772110

Prerequisite: None

Credit: 1.0

The purpose of this program is to further prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Television Production 2

Course No.: 8772120

Prerequisite: Television Production 1 and Teacher Recommendation

Credit: 1.0

The purpose of this program is to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Television Production 3

Course No.: 8772130

Prerequisite: Television Production 2 and Teacher Recommendation

Credit: 1.0

The purpose of this program is to continue to prepare students for initial employment as television production operators; television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Television Production 4

Course No.: 8772140

Prerequisite: Television Production 3, Teacher Recommendation and Honors Criteria

Credit: 1.0

The purpose of this program is to continue to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Television Production 5

Course No.: 8772150

Prerequisite: Television Production 4, Teacher Recommendation and Honors Criteria

Credit: 1.0

The purpose of this program is to continue to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Television Production 6

Course No.: 8772160

Prerequisite: Television Production 5, Teacher Recommendation and Honors Criteria

Credit: 1.0

The purpose of this program is to continue to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Television Production 7

Course No.: 8772170

Prerequisite: Television Production 6, Teacher Recommendation and Honors Criteria

Credit: 1.0

The purpose of this program is to continue to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Television Production 8

Course No.: 8772180

Prerequisite: Television Production 7, Teacher Recommendation and Honors Criteria

Credit: 1.0

The purpose of this program is to continue to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, audio recording engineers.

***This course will satisfy the high school graduation requirement**

Film Production Equipment Operations 1

Course No. 8772210

Prerequisite: None

Credit: 1.0

The student will be able to: construct and install theatrical scenery to the specifications required in a scene design for a film production; function as part of a technical support team in planning, implementing and running the technical aspects of film production; and be knowledgeable of the interrelationship which exists between the various creative and craft skills required for film production.

Film Production Equipment Operations 2

Course No. 8772220

Prerequisite: None

Credit: 1.0

The student will be able to construct and install theatrical scenery to the specifications required in a scene design for a film production and be knowledgeable of the interrelationship which exists between the various creative and craft skills required for film production.

Film Production Equipment Operations 3

Course No. 8772230

Prerequisite: None

Credit: 1.0

The student will be able to operate audio equipment for film productions and execute the audio requirements for film production.

Film Production Equipment Operations 4

Course No. 8772240

Prerequisite: None

Credit: 1.0

The student will be able to operate audio equipment for film productions and execute the audio requirements for film production.

Film Production Equipment Operations 5

Course No.: 8772250

Prerequisite: None

Credit: 1.0

The student will be able to execute pre-production, production and post-production tasks for the area of gripping and film lighting.

Film Production Equipment Operations 6

Course No.: 8772260

Prerequisite: None

Credit: 1.0

The student will be able to execute pre-production, production and post-production tasks for the area of gripping and film lighting.

Digital Audio Production 1

Course No.: 8772310

Prerequisite: None

Credit: 1.0

The content of this course will include learning to operate an audio console, the skills of production and news writing, voice-over skills, on-air skills and etiquette, broadcast speaking manners and basic communication skills.

Digital Audio Production 2

Course No. 8772320

Prerequisite: Digital Audio Production 1

Credit: 1.0

The content of this course will include learning to configure computers for audio applications, understand the operation of basic reproduction, reinforcement and recording audio equipment and the understanding of requirements for set up and operation of a sound reinforcement system.

Digital Audio Production 3

Course No. 8772330

Prerequisite: Digital Audio Production 2

Credit: 1.0

The content of this course will include learning the application protocols and their relationship to equipment used in the music industry, the basic operation of a digital audio workstation and basic digital production skills.

Digital Audio Production 4

Course No. 8772340

Prerequisite: Digital Audio Production 3

Credit: 1.0

The content of this course will include learning

and understanding the operation of advanced reproduction, reinforcement and recording audio equipment.

Marketing Education Directed Study

Course No.: 8800100

Prerequisite: Senior in Communications Academy

Credit: Multiple

The purpose of this course is to provide students with additional competencies or more extensive work-based learning experiences related to competencies in a job preparatory program that will enhance their opportunities for employment in the occupation chosen by the student. The content is prescribed by the instructor based upon the individual student's need for directed study. Research, portfolio development, and field experiences may be considered appropriate activities if related to framework outcomes in the job preparatory program.

Culinary Arts 1

Course No.: 8800510

This course covers the history of the food service industry and careers in that industry. Also covered are safety in the workplace; employability skills; leadership/teamwork skills; care and use of commercial culinary equipment; basic food science; basic nutrition; and following recipes in food preparation labs.

Culinary Arts 2

Course No.: 8800520

In this course students will learn state mandated guidelines for food service; how to attain food handler training certification; and perform front-of-the-house and back-of-the-house duties. Students will prepare quality food products and present them creatively; demonstrate safe, sanitary work procedures; understand food science principles related to cooking and baking; and utilize nutrition concepts when planning meals/menus.

Culinary Arts 3

Course No.: 8800530

In this course the student will research career opportunities in professional cooking/baking; follow guidelines on food selection, purchasing, and storage; and use communication skills. Students will prepare and present a variety of advanced food products; create centerpieces; and research laws specific to the hospitality industry. Also covered are management skills; how to develop a business plan; and utilization of technology in the workplace. Students will be knowledgeable about food safety manager training/certification training

programs that are acceptable in Florida.

Culinary Arts 4

Course No.: 8800540

In this course students will prepare various meals and food products including those for individuals with various nutritional needs and/or dietary restrictions. The relationship between nutrition and wellness will be examined. Cost control techniques and profitability will be covered as well as analysis of food establishment menus. Students will also demonstrate basic financial literacy skills.

Culinary Arts 4 (Track 2)

Course No.: 8800550

This course will focus on Advanced Baking Techniques.

Culinary Arts 4 (Track 3)

Course No.: 8800560

This course will focus on Gastronomy and Garde Manager skills.

Financial Operations Honors

Course No.: 8815110

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course presents basic topics in macro and microeconomics, and the principles and practices of banking, credit, and consumer lending in the United States.

Financial Planning Honors

Course No.: 8815120

Prerequisite: Financial Accounting Honors and Financial Operations Honors and Meet Honors Criteria

Credit: 1.0

This course develops an awareness of the need for care and organization in planning for the wise use of economic resources and financial products available through a study of savings, credit, insurance, banking, and financial institutions. Students are provided with the concepts needed to understand international trade and are also made aware of the career opportunities offered by lending institutions.

Financial Internship

Course No.: 8815130

Prerequisite: Students must provide own transportation.

Credit: 1.0

This financial internship course provides students the opportunity to demonstrate human relations, communications and employability skills necessary for entry-level employment in the financial services industry.

Additionally, it will enhance the instruction and competencies developed through classroom instruction.

Financial Accounting Honors

Course No.: 8815140

Prerequisite: Business Systems and Technology and Meet Honors Criteria

Credit: 1.0

This is an accelerated course that covers two years of accounting in one. There is a focus on the accounting cycle for both business and manufacturing industries. Students learn how to use special journals, ledgers and controlling accounts. In addition, they prepare financial statements for single proprietors, partnerships and corporations. An emphasis is placed on the analysis and interpretation of financial reports.

Finance and Business Technology

Course No.: 8815150

Prerequisite: None

Credit: 1.0

This course is designed to provide a basic overview of current business, finance and information systems and trends and to introduce students to the basics and foundations required for today's business environments. This is an entry course to the Academy of Finance.

Business Ownership

Course No.: 8812000

Prerequisite: Business Management and Law and Principles of Entrepreneurship

Credit: 3.0 (maximum)

The purpose of this course is to prepare students as entrepreneurs, present entrepreneurship as a career path that is worth consideration, provide students with the skills needed to realistically evaluate their potential as a business owner, and develop the fundamental knowledge and skills necessary to start and operate a business.

Principles of Entrepreneurship

Course No. 8812110

Prerequisite: None

Credit: 1.0

This course provides instruction in the basic principles of entrepreneurship including the role of the entrepreneur, entrepreneurship as a career, ethics in business, and the principles of marketing, financing, and managing a business.

Business Management and Law

Course No. 8812120

Prerequisite: Principles of Entrepreneurship

Credit: 1.0

This course is designed to provide an introduction to business management techniques. Topics include human relations, decision making, communication techniques, business law concepts, and characteristics of the American enterprise system.

Marketing Essentials

Course No. 8827110

Prerequisite: None

Credit: 1.0

This program will develop the competencies essential to marketing. These competencies include human relations, employability, communications, math and economic skills.

Sport, Recreation and Entertainment Essentials

Course No.: 8827410

Prerequisite: None

Credit: 1.0

The purpose of this course is to develop the competencies essential to sport, recreation and entertainment marketing.

Sport, Recreation and Entertainment Applications

Course No.: 8827420

Prerequisite: Sport, Recreation and Entertainment Essentials

Credit: 1.0

This course is designed to provide students with an in-depth study of sport, recreation, and entertainment marketing in a free enterprise society and provide the knowledge, skills, and attitudes required for employment in a wide variety of sport, recreation, and entertainment marketing occupations.

Sport, Recreation and Entertainment and Marketing Management

Course No.: 8827430

Prerequisite: Sport Recreation and Entertainment Applications

Credit: 1.0

This course provides instruction for career sustaining level employment in the sport, recreation and entertainment industry.

International Marketing 1

Course No. 8839110

Prerequisite: Marketing Essentials

Credit: 1.0

This program will introduce students to the basics of international marketing. These competencies include an understanding of import and export basics.

International Marketing 2

Course No. 8839120

Prerequisite: International Marketing 1

Credit: 1.0

This program will help develop competencies regarding international marketing, transportation, finance, laws and regulations and communications.

International Marketing 3

Course No. 8839130

Prerequisite: International Marketing 2 and Meet Honors Criteria

Credit: 1.0

Applied skills related to international marketing functions including employment skills required for success in international marketing and career planning.

Travel and Tourism Marketing Management

Course No. 8845120

Credit: 1.0

The purpose of this course is to provide students necessary career specific instruction in travel and tourism. Students will learn sales techniques, marketing principles, and entrepreneurship skills necessary to succeed in the travel and tourism industry.

Hospitality and Tourism Operations Internship

Course No.: 8845130

Credit: 1.0

The Hospitality and Tourism Internship course provides students the opportunity to demonstrate human relations, communications, and employability skills necessary for entry-level employment in the hospitality and tourism industry. Additionally, it will enhance the instruction and competencies developed through classroom instruction.

Computer Technology for Travel and Tourism

Course No.: 8845140

This course is designed to provide an introduction to computers and to develop entry-level skills for computer-related careers in the travel and tourism industry.

Customer Service 1

Course No: 8848110

Prerequisite: None

Credit: 1.0

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales and Service career cluster; provides technical skill proficiency, and includes

competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Marketing, Sales and Service career cluster.

The purpose of this program is to prepare students for employment in customer service occupations such as customer service representative, customer service consultant, customer service agent, and customer care manager. The program is designed to prepare students for employment in entry level positions involving customer service activities.

Customer Service 2

8848120

Prerequisite: Customer Service 1

Credit: 1.0

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales and Service career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Marketing, Sales and Service career cluster. The purpose of this program is to prepare students for employment in customer service occupations such as customer service representative, customer service consultant, customer service agent, and customer care manager. The program is designed to prepare students for employment in entry level positions involving customer service activities.

Customer Service 3

Course No.: 8848130

Prerequisite: Customer Service 1 and 2

Credit: 1.0

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales and Service career cluster; provides technical skill proficiency, and includes

Introduction to Hospitality and Tourism

Course No.: 8850110

Prerequisite: None

Credit: 1.0

The purpose of this course is to introduce students to the skills necessary for success in the hospitality and tourism

industry. Students will also have the opportunity to learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.

Law, Public Safety and Security Education Directed Study (Public Service Education Directed Study)

Course No.: 8900100

Credit: 1.0

The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Law, Public Safety and Security cluster(s) that will enhance opportunities for employment in the career field chosen by the student.

Teacher Assisting 1

Course No.: 8909010

Prerequisite:

Credit: 1.0

This course is designed to develop competencies related to the role, regulations, and career path of teacher aides; the role of education; leadership and CTSO activities; interpersonal and communication skills; and educational-support tasks.

Teacher Assisting 2

Course No.: 8909020

Prerequisite:

Credit: 1.0

This course is designed to develop competencies in the legal factors related to education; creating assessments; the supervision of student health and safety; the reporting of child abuse and drug abuse; working with exceptional students; diversity awareness; and strategies to support students' learning activities.

Teacher Assisting 3

Course No.: 8909030

Prerequisite:

Credit: 1.0

This course is designed to develop competencies related to supporting the learning activities of students that involve literacy and multiple intelligences; it includes job related math skills and the ability to prepare classroom materials.

Teacher Assisting 4

Course No.: 8909040

Prerequisite:

Credit: 1.0

This course is designed to develop competencies related to employability skills; developing relationships between

school and the home; intrapersonal skills and professionalism.

Introduction to Environmental Technology

Course No. 8913010

Prerequisite: None

Credit: 1.0

The purpose of this course is to prepare students for employment or advanced training in the environmental industry. Upon completion, the students will be prepared to enter advanced training and education in specialized fields of environmental science or environmental business.

Environmental Technology 2

Course No. 8913020

Prerequisite: Introduction to Environmental Technology

Credit: 1.0

The purpose of this course is to prepare students for employment or advanced training in the environmental industry. Upon completion, the students will be prepared to enter advanced training and education in specialized fields of environmental science or environmental business.

Land Resources 3

Course No. 8913030

Prerequisite: Introduction to Environmental Technology, Environmental Technology 2 and Meet Honors Criteria

Credit: 1.0

The purpose of this course is to prepare students for employment or advanced training in the environmental industry. Upon completion, the students will be prepared to enter advanced training and education in specialized fields of environmental science or environmental business.

Land Resources 4

Course No. 8913040

Prerequisite: Land Resources 3 and Meet Honors Criteria

Credit: 1.0

The purpose of this course is to prepare students for employment or advanced training in the environmental industry. Upon completion, the students will be prepared to enter advanced training and education in specialized fields of environmental science or environmental business.

Civil Engineering Aide 1

Course No. 8915010

Prerequisite: None

Credit: 1.0

This course provides basic mathematical, scientific, or technical aspects of civil engineering. Work Place safety and communication skills are included.

Civil Engineering Aide 2

Course No. 8915020

Prerequisite: Civil Engineering Aide 1

Credit: 1.0

This course provides instruction in beginning photography, drainage and geological concepts. Students will be introduced to the use of the computer in civil engineering. Practical application of concepts will be demonstrated through model building.

Civil Engineering Aide 3

Course No. 8915030

Prerequisite: Civil Engineering Aide 2

Credit: 1.0

This course provides laboratory experiences and begins preparing students for the practicum. Instruction in beginning surveying, drafting and business related skills are included.

Civil Engineering Aide 4

Course No. 8915040

Prerequisite: Civil Engineering Aide 1, 2 and 3.

Credit: 1.0

This course provides practical experience in the civil engineering industry. Students will demonstrate employability skills. It is a practicum that covers all aspects of Civil Engineering Aide employment.

Criminal Justice Operations 1

Course No.: 8918010

Prerequisite:

Credit: 1.0

This course is designed to introduce students to the fields of law enforcement, the court system, and the correctional system. The content includes career opportunities in these fields, court system, correctional system, interpersonal and communication skills, and employability skills.

Criminal Justice Operations 2

Course No.: 8918020

Prerequisite: Criminal Justice Operations 1

Credit: 1.0

This course is designed to develop competencies in patrol, traffic control, defensive tactics and physical proficiency skills, and first aid and cardiopulmonary resuscitation skills.

Criminal Justice Operations 3

Course No.: 8918030

Prerequisite: Criminal Justice Operations 2

Credit: 1.0

This course is designed to develop competencies in crime and accident investigation procedures, forensic science tasks, crime prevention, and property control procedures.

Criminal Justice Operations 4

Course No: 8918040

Credit: 1.0

This course will prepare students to become a Dispatch Operator for the police, EMS, security firms, etc. They will pursue obtaining the 911 Public Service Aide industry certification.

IT Fundamentals

Course No: 9001310

Prerequisite:

Credit: 1.0

This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks.

Computer & Network Security Fundamentals

Course No.: 9001320

Prerequisite: Introduction to Information Technology

Credit: 1.0

This course introduces students to cybersecurity and provides them with essential computer and networking knowledge and skills, particularly those related to cybersecurity.

Cybersecurity Essentials

Course No.: 9001330

Prerequisite: Computer & Network Security Fundamentals

Credit: 1.0

This course provides students with insight into the many variations of vulnerabilities, attack mechanisms, intrusion detection systems, and some methods of mitigate cybersecurity risks, including certificate services and cryptographic systems.

Operational Cybersecurity

Course No.: 9001340

Prerequisite: Cybersecurity Essentials

Credit: 1.0

This course provides students with insight into the many ways in which computer systems can be secured,

countermeasures implemented, and risk assessment performed.

Database Security

Course No: 9001360

Credit: 1.0

This course focuses on strategies employed to mitigate data compromise, including design, access, and deployment of databases.

Web Security

Course No.: 9001380

Credit: 1.0

This course addresses the creation of secure websites and authentication applications, including identifying the vulnerabilities and mitigation strategies. **This is a level 3 course, Honors Weighting.**

IT Principles

Course No: 9003510

Credit: 1.0

This course prepares students for installing computer hardware and software and troubleshooting and repairing computers.

Web Development Principles

Course No: 9003520

Credit: 1.0

This course prepares students to program the code to develop websites and to use website design software to design and update websites. Students will learn HTML, CSS, Javascript and Dreamweaver programs.

Database Principles

Course No: 9003530

Credit: 1.0

This course prepares students to develop intricate databases and analyze data from those reports for decision-making purposes using MOS Access.

Programming Principles

Course No: 9003540

Credit: 1.0

This course prepares students to use JAVA programming software to design and edit software programs.

Foundations of Programming

Course No.: 9007210

Credit: 1.0

This course introduces concepts, techniques, and processes associated with computer programming and software development. After Successful completion of Programming, students will have met Occupational Completion Point B, Computer Programmer Assistant, SOC Code 15-1131. **This is a level 3 course, Honors Weighting.**

Foundations of Robotics

Course No.: 9410110

Prerequisite: None

Credit: 1.0

This course provides students with a foundation in content and skills associated with robotics and automation, including artificial intelligence, electronics, physics, and principles of engineering.

SJCS D HIGH SCHOOL COURSE DESCRIPTIONS

DUAL ENROLLMENT-COURSES LEADING TO AN AA DEGREE, AN AS DEGREE OR A TECHNICAL CERTIFICATE

A complete list of approved courses is included in the articulation agreement with St. Johns River State College. The courses listed below have been approved but are offered on the high school campus only when the number of student requests meets minimum enrollment requirement and are indicated by students' customized learning paths (CLPs).

Some dual enrollment courses offered in one semester award one full high school credit. For a listing of those courses, Please refer to the Florida Department of Education [website](#).

St. Johns County students may take up to 10 college credits in any one college semester. Petition to take 11 credits in one semester may be made to the high school principal. If approved at the high school level, the principal, or designee, must obtain permission from the community college prior to the registration process.

BUSINESS

Introduction to Business

Course No.: GEB 1011

Prerequisite: Meet Dual Enrollment Criteria
Foundations of business.

Principles of Marketing

Course No.: MAR 2012

Prerequisite: Meet Dual Enrollment Criteria
This is a study of basic marketing principles, theory, and functions of marketing.

Legal Environment of Business I

Course No.: BUL 1241

Prerequisite: Meet Dual Enrollment Criteria
This is a study of the environment in which businesses operate. Consideration is given to legal and social constraints on business. The student is introduced to the judicial system; administrative, tort and contract law; agency; business organizations; and governmental regulations.

The Legal Environment to Business

Course No: BUL 3130

Prerequisite: International Business Systems
For Marketing 2
Credit: 1.0

Introduction to law as it relates to and impacts upon the operation of business. Consideration is given to the Uniform Commercial Code, antitrust, employment laws, business ethics, international law and the social and political environment in which a business operates.

CAREER

Life and Career Development

Course No: SLS 1301

Prerequisite: Meet Dual Enrollment Criteria and Teacher Recommendation
Credit: 1.0

A course designed to aid the college students in life and career planning. Areas of opportunity in the employment market, as well as appropriate educational programs in preparing for those employment areas are discussed.

COMMUNICATIONS

Composition I

Course No.: ENC 1101

Prerequisite: Meet Dual Enrollment Criteria
ENC 1101 is a course in paragraph and essay writing, incorporating some review of basic grammar. Students will learn to write essays that are unified, coherent and grammatically correct. An exit grade of "C" or higher is required.

Composition II

Course No.: ENC 1102

Prerequisite: Meet Dual Enrollment Criteria, ENC 1101 with a grade of C or higher and REA 0002 (Reading) or the Reading CPT score of 83+, Reading ACT score of 18+, or Reading SAT score of 440+
ENC 1102 is a continuation of ENC 1101. The course includes detailed training in the methods and applications of expository writing and the process of logical thinking. Emphasis is placed on descriptive, persuasive and argumentative writing. Students will write a documented

research paper. An exit grade of "C" or higher is required. Composition II fulfills the senior English requirement.

Note: *Composition I and Composition II are one semester courses that carry one full high school credit.*

COMPUTER EDUCATION

Microcomputer Applications Software

Course No.: CGS 1100

Prerequisite: Meet Dual Enrollment Criteria

Computer applications using MS Word, Excel, Access and PowerPoint.

Introduction to AutoCAD

Course No. CGS 1470

Prerequisite: Meet Dual Enrollment Criteria; 11th or 12th grade at Nease in the Stellar Academy of Engineering

Topics include an introduction to computer aided drafting, techniques for creating CAD drawings, hardware and software concepts, basic commands, techniques and editing, printing and plotting.

Introduction to Technology for Educators

Course No: EME 2040

Prerequisite: Completion of CGS 1100

Microcomputer Applications Software

Credit: .5

An introduction to the classroom applications of educational technologies. Topics include multimedia, interactive media, ethics and legal issues on the internet.

ENGINEERING

Introduction to Engineering Design

Course No.: 8600550

Prerequisite:

Engineering Technology I/ Introduction to Engineering

Course No.: 8600570/ EGR 101

Prerequisite: Meet Dual Enrollment Criteria and Teacher Recommendation

An introduction to the interdisciplinary aspects of the engineering of aerospace systems. This is a project-based course demonstrating how aerospace engineering, electrical engineering, computer engineering, civil engineering, and software engineering are combined to produce results. This is a dual enrollment course with Embry-Riddle Aeronautical University.

Engineering Technology II/ Principles of Aeronautical Science

Course No.: 8600670/ AS 120

Prerequisite: Engineering Technology I, Meet Dual Enrollment Criteria and Teacher Recommendation

An introductory course in Aeronautical Science designed to provide the student with a broad-based aviation orientation in flight-related areas appropriate to all non-Aeronautical Science degree programs. This is a dual enrollment course with Embry-Riddle Aeronautical University.

Introduction to Engineering I

Course No. EGN1001

Prerequisite: Drafting I and Meet Dual Enrollment Requirements

Credit: 0.5

Overview of academic and professional requirements in various engineering disciplines.

Introduction to Engineering II

Course No. EGN2009

Prerequisite: Drafting I and Meet Dual Enrollment Requirements

Credit: 0.5

This course is the introduction to the use of computer and applications software in solving engineering.

HUMANITIES

The Humanities I

Course No.: HUM 2211

Prerequisite: Meet Dual Enrollment Criteria, satisfactory completion of ENC 1101 with a grade of "C" or higher and REA 0002 (Reading) or the Reading CPT score of 83+, Reading ACT score of 18+, or Reading SAT score of 440+

The course focuses on the Ancient through the Medieval periods of man's culture and history. It is designed to acquaint the student with literature, philosophy, art, and music in the Prehistoric, Classical, and Medieval periods. Major emphasis is upon understanding and appreciation of man's cultural heritage.

Humanities 1

Course No. HUM 2210

Prerequisite: ENC 1101 with a grade of "C" or higher and satisfactory completion of REA 0002, Reading and Study Skills, or an appropriate reading placement score.

Credit: .5 high school 3.0 college

This course focuses on the ancient through medieval periods of culture and history. It is designed to acquaint the student with literature, philosophy, art and music in the Prehistoric, Classical and Medieval periods.

INTERIOR DESIGN

History of Interiors II

Course No.: IND 1130

Prerequisite: Meet Dual Enrollment Criteria
Students will acquire the ability to identify furniture styles, architectural details, and ornamental motifs from the Renaissance Period through the 20th century. Research conducted by students is an integral segment of the course.

Basic Textiles

Course No.: IND 1429

Prerequisite: Meet Dual Enrollment Criteria

This course is a study of fabrics used for clothing and home furnishings, emphasizes fibers, yarns, constructions, designs and finishes that determine qualities and the performance of a fabric. This course also includes the use and care of fabrics and cost factors.

LANGUAGE ARTS

American Literature I

Course No.: AML2010

Prerequisite:

This course surveys major American literature from the Colonial period to the US Civil War.

Technical & Professional Report Writing

Course No: ENC2210

This course is an introduction to technical and professional writing. Students will produce and analyze a number of common technical writing genres, including emails, letters, resumes, memos, reports, proposals, technical descriptions, technical descriptions, definitions, and manuals.

MATHEMATICS

College Algebra

Course No.: MAC 1105

Prerequisite: Meet Dual Enrollment Criteria

Topics include lines, parabolas, circles, functions and their graphs, polynomial functions, rational functions, exponential functions, logarithmic functions and systems of equations and inequalities.

Elementary Statistics

Course No.: STA 2023

Prerequisite: Meet Dual Enrollment Criteria and Teacher Recommendation

This course is an introduction to the fundamental concepts and methods of statistics and probability. Topics include graphs and numerical measures, probability, distributions, confidence intervals and hypothesis testing, correlation and regression and nonparametric methods.

SCIENCE

General Physics I

Course No.: PHY 1053

Prerequisite: Meet Dual Enrollment Criteria and Advanced Math Topics

Co requisite: PHY 1053L

Primarily for those not majoring in the physical sciences. Concepts discussed are mechanics, waves and heat.

Laboratory for General Physics I

Course No.: PHY 1053L

Prerequisite: Meet Dual Enrollment Criteria and Advanced Math Topics

Co requisite: PHY 1053

General Biology/General Biology Lab

Course No.: BSC1005

Prerequisite:

General Biology/Human Biology Lab

Course No.: BCS1020

Prerequisite:

Human Biology

Course No: BSC 2020

Prerequisite: Principals of Biology BSC 2010

Credit: 1.0

This course is an introduction to the science of biology with an emphasis on cells and tissues, body organization, homeostasis, body systems, regulation and integration of body parts, reproduction, development and heredity, disease and disorder.

SOCIAL SCIENCES

Florida Heritage

Course No.: AMH 1070

Prerequisite: Meet Dual Enrollment Criteria and Teacher Recommendation

A survey of the culture, economy, government, geography, history and natural resources of Florida. Research emphasis in this course relates to the Marine Archeology and Digital History programs.

Macroeconomics

Course No.: ECO 2014

Prerequisite: Meet Dual Enrollment Criteria

A course designed to introduce the student to economic theory and its social applications. Course content includes American capitalism; national income, employment, and fiscal policy; money, monetary policy, and economic stability; and economic growth.

Microeconomics

Course No.: ECO 2023

Prerequisite: Meet Dual Enrollment Criteria

A course designed to introduce the student to economic theory and its social applications. Course content includes economics of the firm and resource allocation; current domestic economic problems; international economics; and alternative economic systems.

General Psychology

Course No.: PSY 2014

Prerequisite: Meet Dual Enrollment Criteria

An introduction to psychology designed especially for transfer students. Major areas include: the nature of man, human development, motivation, abnormal behavior, brain-behavior, relationships, physiology and animal behavior.

United States Federal Government

Course No.: POS 1041

Prerequisite: Meet Dual Enrollment Criteria

Basic aspects of the Federal Government are studied. Emphasis is placed on content and interpretation of the Constitution, Federalism, the Congress, the Presidency, and the Federal Court System as related to current problems in civil rights, economics, and foreign policy.

United States History to 1877

Course No.: AMH 2010

Prerequisite: Meet Dual Enrollment Criteria and Teacher Recommendation

A study of the social, economic, political, religious, intellectual and cultural factors that contributed to the growth of the United States from European backgrounds to 1877.

United States History since 1877

Course No.: AMH 2020

Prerequisite: Meet Dual Enrollment Criteria and Teacher Recommendation

This is a continuation of AMH 2010, from 1877 to the present. Emphasis is placed upon the factors that have changed the United States from a rural-agricultural nation to an urban-industrial world power.

State and Local Government

Course No.: POS1112

Prerequisite:

College Success Skills

Course No.: SLS 1101

Prerequisite: Junior or Senior level class

Credit: .50

Development of College Skills

World Civilization I

Course No.: WOH 1012

Prerequisite: Meet Dual Enrollment Criteria

A survey course tracing the development, growth and interaction of civilized societies from prehistoric times to the 18th century, showing their influences on each other and their contributions to human culture.

World Civilization II

Course No.: WOH 1022

Prerequisite: Meet Dual Enrollment Criteria

A survey of civilization from the 18th century to the present. Topics include industrialization, nationalism, imperialism, the emergence of the modern state system, U.S. constitutional development, revolutions and wars of the 20th century and present world structure.

TECHNOLOGY

Presentation Technology

Course No.: CGS 2525

Prerequisite: Meet Dual Enrollment Criteria

This course is designed to teach the principles, concepts, and techniques involved in developing effective presentations with desktop presentation graphics (Microsoft PowerPoint).

Aviation Meteorology

Course No.: ASC 1210

Prerequisite: Enrolled in Aerospace Academy

Credit: 3.0

This introductory level course acquaints the aviation student with the fundamentals of the earth's atmosphere, current theories on meteorology, and the effects of weather on aircraft and air traffic control. Particular emphasis will be given to the acquisition and interpretation of weather reports and forecasts from various weather information sources. Aviation Weather is specifically designed for the aviation student wishing to improve their knowledge and understanding of aviation weather necessary for any of the FAA Computer-Based Pilot Knowledge Tests. This course is offered through FCCJ. Three contact hours. (CBE) A.S.

Environment of the Air Traffic Controller

Course No.: ATT 1810

Prerequisite: Enrolled in Aerospace Academy

Credit: 3.0

This course is designed for both students of aviation or students interested in pursuing a career as an Air Traffic Controller. This course provides a better understanding of the Air Traffic Controller's mission and working environment. This course presents a candid view of the Air Traffic Controller's language, tools and profession. This course is offered through FCCJ. Three contact hours. (CBE) A.S., A.A.S.

Aircraft Familiarization

Course No: AMS102

Prerequisite: Teacher/Academy Coordinator Approval

Credit: .5 High School/2 College Credit Hours

Students will learn about the theory of aerodynamics and corrosion control involving the physical properties necessary as well as the types of structures they are found in.

Tools, Materials and Processes

Course No: AMS103

Prerequisite: Teacher/Academy Coordinator Approval

Credit: 1 High School/2 College Credit Hours

Students will develop skills in the use of basic mechanic's hand tools, hardware, safety methods and the fabrication and installation of fluid lines.

Maintenance Mathematics and Physics

Course No: AMS101

Prerequisite: Teacher/Academy Coordinator Approval

Credit: .5 High School/2 College Credit Hours

Students will learn the fundamentals of mathematics and physics as it applies to an aviation format.

Regulations, Documentation and Drawings

Course No: AMS111

Prerequisite: Teacher/Academy Coordinator Approval

Credit: .5 High School/3 College Credit Hours

Students will learn about the privileges and limitations of the Federal Aviation Regulations along with pertinent aircraft maintenance.

Space Flight

Course No: SP110

Prerequisite: Teacher/Academy Coordinator Approval

Credit: .5 High School/3 College Credit Hours

Students will learn about the history of space flight, space shuttle operations, commercial and industrial applications in space.

Principles of Aeronautical Science

Course No: AS120

Credit: .5 High School/3 College Credit Hours

This course includes an introduction to Aeronautical Science that provides the students with a broad-based aviation orientation in flight-related areas appropriate to all non-Aeronautical Science degree programs.

Introduction to Computing Engineers

Course No: EGR115

Credit: .5 High School/3 College Credit Hours

This course includes an introduction to programming and computing for scientist and engineers. The course also introduces students to software engineering.

Flight Physiology

Course No: AS357

Credit: .5 High School/3 College Credit Hours

The purpose of this course is to teach students about flight physiology which include, altitude effects, spatial disorientation, body heat imbalance and other factors as they relate to pilot performance and survival effectiveness.

WORLD LANGUAGES**American Sign Language I**

Course No.: SPA 1612

Prerequisite: Meet Dual Enrollment Criteria

An introduction to the linguistic structure and conceptual vocabulary of American Sign Language as used by deaf individuals. This course will emphasize the development of American Sign Language skills including receptive and expressive conversational skills. The course will describe the history and values and culture of deaf people in America. There will be additional costs required which will vary based on activity or projects.

American Sign Language II

Course No.: SPA 1613

Prerequisite: Meet Dual Enrollment Criteria

This course is a continuation of American Sign Language I and will emphasize intermediate level sign vocabulary, increasingly complex grammatical constructions, idioms, inflectional usage and the development of intermediate receptive and expressive conversational American Sign Language skills. There will be additional costs required which will vary based on activity or projects.

Foundations of Spanish 1

Course No.: SPN1120

Credit: 1.0

Prerequisite: Meet Dual Enrollment Criteria, Teacher Recommendation

An introduction to the Spanish language for those who have little or no knowledge of Spanish. The sequence of SPN 1120/1121 presents the essential elements of Spanish grammar, vocabulary, and culture that are needed in everyday life to speak in Spanish and understand it when it is spoken at a moderate speed by sympathetic native speakers. The course includes many types of activities designed to develop basic skills in speaking, listening comprehension, reading and writing with the greatest emphasis placed on practicing conversation. Students learn present tense conjugation, conjugation of reflexive verbs,

the informal future, the present progressive, and use of direct object pronouns.

Foundations of Spanish 2

Course No.: SPN1121

Credit: 1.0

Prerequisite: SPN1120 with a grade of C or higher

This course includes many types of activities designed to further expand the students' communicative proficiency in speaking, listening comprehension, reading and writing with the greatest emphasis placed on practicing conservative. Communicative competence is stressed. Students solidify and strengthen their grasp and use of regular and irregular present tense conjugations, reflexive verbs and direct object pronouns.



Graduation Options and Planning Forms

Advanced Academic Opportunities in St. Johns County School District High Schools

Each St. Johns County high school offers Academically Challenging Curriculum to Enhance Learning (ACCEL) options which include but are not limited to: whole-grade and mid-year promotion, subject matter acceleration, virtual instruction in higher grade-level subjects, early graduation, and the Credit by Acceleration Program. These options include both challenging academic programs recognized worldwide and advanced courses for which college credit is awarded upon successful completion of coursework and examinations. A rigorous high school schedule that includes advanced coursework is a major predictor for success in college. Numerous studies show that students who have had rigorous courses (honors, AP, IB, AICE, Dual Enrollment) while in high school are prepared for the challenges of a college education and are much more likely to earn their degree within five years.

Parents need to be involved in the course selection process. The courses you and your child select are the first steps in preparing for the next level. As students develop their Customized Learning Paths (CLPs) with their parents and guidance counselors, they are encouraged to consider the following opportunities for advancement.

Honors Courses at All High Schools

Honors courses lay the academic foundation for advanced courses that can earn college credit while in high school. Honors courses include all those with an honors designation in the St. Johns County School District High School Course Catalog, Preliminary International Baccalaureate (Pre-IB) and Preliminary Advanced International Certificate of Education (Pre-AICE) courses, and Florida Virtual School Courses with an honors designation.

Honors Course Placement Criteria

1. **Grades** - A grade of "C" or better in the previous honors course OR an "A" in the previous standard course
OR
2. **FCAT** – Students must score a Level 4 or 5 in appropriate area and not less than a Level 3 in any area:
 - Mathematics FSA for placement in honors mathematics science classes
 - Reading FSA for placement in honors English, social studies, science or foreign language**OR**
3. **PSAT** – A score of 48 or higher on the appropriate assessment:
 - Math for mathematics and science honors class placement
 - Reading and/or language for English, social studies, science and foreign languages honors class placement**OR**
4. **PLAN**- A score of 170 (English), 210 (mathematics) or higher on the appropriate assessment:
 - Math for mathematics honors class placement
 - Reading and/or language for English, social studies, science and foreign languages honors class placement

5. **Norm Referenced Test** – Students must score a stanine of 7, 8, or 9 on an appropriate assessment:

- Math for mathematics honors class placement
- Reading for English, social studies, science, and foreign language honors class

OR

In the case of extenuating circumstances, petition may be made on a case-by-case basis to the principal, who makes the final decision for student placement.

Advanced International Certificate of Education (AICE) at St. Augustine High School

The AICE Program is an international curriculum and examination program modeled on the British pre-college curriculum. To be considered for an AICE Diploma, a candidate must earn the equivalent of six credits by passing a combination of examinations at either the full (one credit) Advanced Subsidiary Level (AS) or double (two credits) International Advanced Level (A), with at least one course coming from each of the three curriculum areas. Florida's colleges and universities provide college credit for successfully passing the exams.

International Baccalaureate (IB) at Allen D. Nease High School and Pedro Menendez High Schools

The IB Diploma Program is a rigorous pre-university course of study leading to internationally standardized tests. The program's comprehensive two-year curriculum allows its graduates to fulfill requirements of many nations' education systems. Students completing IB courses and exams from six subject groups are eligible for college credit. The award of credit is based on the scores achieved on the IB exams. Students can earn up to 30 postsecondary semester credits by participating in this program at the high school level. Community service is required.

Pre-International Baccalaureate Program at Allen D. Nease and Pedro Menendez High Schools

The Pre-IB program is the freshman and sophomore foundation courses in the rigorous IB program. The curriculum emphasizes an understanding of world cultures, analysis, and critical thinking.

Advancement Via Individual Determination (AVID) at Pedro Menendez, St. Augustine and Allen D. Nease High Schools

AVID is a college readiness system designed to prepare and support students in rigorous course work. The AVID mission is to help students develop the skills they need to be successful in college and other postsecondary opportunities. The program places special emphasis on growing writing, critical thinking, teamwork, organization and reading skills.

AVID:

- Teachers skills and behaviors for academic success
- Provides intensive support with tutorials and strong student/teacher relationships
- Creates positive peer groups for students
- Develops a sense of hope for personal achievement gained through hard work and determination

- Provides the support needed for educators, by teaching them research-based instructional strategies, through targeted professional development

AVID strategies are implemented across all subject areas throughout the school campus.

Dual Enrollment at all schools

Dual enrollment allows eligible middle and high school students to enroll in postsecondary courses. They earn credit toward high school graduation and at the same time earn credit toward a college degree or technical certificate. Our primary provider of dual enrollment courses is St. Johns River State College. Students are permitted to enroll in dual enrollment courses on a part-time basis during school hours, after school, or during the summer term and on a full-time basis in their junior and senior years. For a list of dual enrollment courses that are equivalent to high school courses and satisfy graduation requirements, see <http://www.fldoe.org/core/fileparse.php/5421/urlt/0078394-delist.pdf>.

Collegiate High School

Collegiate High School is a specialized dual enrollment program which maps out a multi-year process that allows admitted students to complete a full 60 credits of dual enrollment coursework, culminating in earning both a standard high school diploma as well as an Associate of Arts (AA) Degree upon the completion of four years of high school. Seating is limited and application must be made at each High School.

Early Admission at all schools

Early admission is similar to dual enrollment, except that qualified students enroll in college/university courses full-time during their last year in high school. They earn credits simultaneously toward a college degree and a high school diploma.

Advanced Placement (AP) Courses at all schools

The College Board's Advanced Placement (AP) Program is a nationwide program consisting of more than 30 college level courses and exams offered at participating high schools. Subjects range from art to statistics. Students who earn a qualifying grade of 3 or above on an AP exam may earn college credit, placement in higher level courses or both, depending on the college or university. There is no guarantee that a college will accept credits earned through this program.

Placement International Diploma (APID) at all high schools The Advanced Placement International Diploma is a separate diploma issued by AP College Board that is internationally recognized. To receive the APID, a student must earn a grade of 3 or above in five AP exams in specified areas and request that at least one AP score be sent to an international university. Students interested in pursuing this option should see their counselor.

St Johns Virtual School

St. Johns Virtual School (SJVS) offers multiple, high quality, online curricula for grades K-12. Courses are taught by St. Johns County teachers and students may opt to take one or a few courses during the school day or apply to the diploma granting Full Time program. SJVS can be a resource for students with limited access to AP or other course offerings in their zoned schools. For more information, visit <http://www-sjvs.stjohns.k12.fl.us> or call 904-547-8086.

ST. JOHNS COUNTY SCHOOLS

General Guidelines for Dual Enrollment Courses

Dual Enrollment Courses [1007.271\(1\)F.S.](#), [1007.271\(4\)F.S.](#)

The dual enrollment program is defined as enrollment of an eligible secondary (grades 6-12) student or home education student in a postsecondary course, or courses, creditable toward high school completion and a career certificate or an associate or baccalaureate degree. The High School Subject Area Equivalency List is located at <http://www.fldoe.org/core/fileparse.php/5421/urlt/0078394-delist.pdf>.

Through an articulation agreement, SJCS students attend dual enrollment courses at St. Johns River State College (SJRSC). A student may request an exception to the SJRSC attendance requirement by filing a dual enrollment waiver. Steps for obtaining a dual enrollment waiver are:

- The student must write a letter requesting an exception be made to the policy requiring his/her participation in Dual Enrollment at SJRSC, which serves the St. Johns County School District. In this letter an explanation must be given describing the rationale for the request.
- The student must complete Section I of the DE Waiver form (available at Inside St. Johns, Curriculum Services, under forms) and submit it with his/her letter to the high school guidance counselor for processing. Completing the petition process does not guarantee approval of the waiver.
- The guidance counselor must submit the waiver request to the principal for approval/disapproval.
- If approved, the principal must submit the waiver to the Director of Instructional Services for approval.
- The Director of Secondary Instructional Services must submit the approved waiver to the Director of Dual Enrollment at SJRSC.

Dual enrollment courses may be taken during school hours, after school hours and during the summer term. A student shall be granted credit toward high school graduation requirements for appropriate courses taken through dual enrollment. Without prior approval, there is no guarantee that high school credit will be granted for non-SJRSC courses.

Vocation-preparatory instruction, college-preparatory instruction and other forms of pre-collegiate instruction, as well as physical education courses that focus on the physical execution of skills rather than the intellectual attributes of the activity are ineligible for inclusion in the dual enrollment program.

Dual enrollment shall be offered on the high school campus whenever possible. Students should take DE courses on their zoned high school campus if they are offered there, as opposed to the SJRSC campus. Taking a dual enrollment course through a 4-year state university is not an option if the course is offered on the local high school campus or SJRSC. A waiver would be needed when the advanced studies progression of the student require a third year college curriculum. The district has an articulation agreement with UNF for these very unusual circumstances.

Dual enrollment courses receive the same weighting for GPA calculation as International Baccalaureate (IB), Advanced International Certificate of Education (AICE), and Advanced Placement (AP).

The Dual Enrollment Transfer Guarantee is to be distributed to all dual enrollment students and their parents. It is available at <https://info.fldoe.org/docushare/dsweb/Get/Document-6472/hb7059tapb.pdf>.

A Dual Enrollment Question and Answer document is available at <http://www.fldoe.org/core/fileparse.php/7480/urlt/0082773-dualenrollmentfaq.pdf>.

Prerequisites for Dual Enrollment [1007.271 F.S.](#)

- Students must first meet district qualifications for honors course placement to be considered for dual enrollment.
- Students must demonstrate readiness for college-level coursework if the student is to be enrolled in college courses.
- *Career* dual enrollment is limited to students enrolled in courses/programs leading to industry certification.
- Students must have a 3.0 unweighted GPA for *college-credit* dual enrollment courses, or a 2.0 unweighted GPA for *career certificate* dual enrollment courses.
- Exceptions to the required GPAs may be granted if the school and community college agree and the terms of the agreement are contained within the dual enrollment articulation agreement.
- Participation in the *career* early admission program shall be limited to students who have completed a minimum of four semesters of full time secondary enrollment, including studies undertaken in the ninth grade.

To continue participation in *college-credit* dual enrollment, students must maintain a 3.0 unweighted high school GPA and the minimum postsecondary GPA established by SJRSC. To continue participation in *career certificate* dual enrollment courses, students must maintain a 2.0 unweighted high school GPA.

Regardless of meeting student eligibility requirements for continued enrollment, a student may lose the opportunity to participate in a dual enrollment course if the student is disruptive to the learning process such that the progress of other students or the efficient administration of the course is hindered.

Dual enrollment courses taught on the high school campus may not be combined with any non-college-credit high school course.

Students must have the minimum of these scores to be considered college ready. They may mix and match their best score from these tests. Test scores must be less than two years old.

Qualifying Placement Test Scores to Enroll in Dual Enrollment English and Math at St. Johns River State College			
	English Composition (ENC 1101)	Math-Intermediate Algebra (MAT 1033)	Math-College Algebra (MAC 1105)
ACT	Reading 19	Math 19	Math 21
SAT	Critical Reading 440, 460*	Math 440, 460*	Math 450
CPT	Reading 83 Writing 83	Elementary Algebra 72	Elementary Algebra 85
PERT	Reading 106 Writing 103	Math 114	Math 123

*University of North Florida

Dual enrollment and early admission students are exempt from the Florida College System degree admissions requirements ([1007.263 F.S.](#)).

Dual Enrollment Articulation Agreement [1007.235 F.S.](#), [1007.271 F.S.](#)

The superintendent of schools and president of the community college shall complete a dual enrollment articulation agreement prior to fall registration each year. The agreement shall include, but not be limited to, the following components:

- a plan for the community college to provide guidance services to participating students on the selection of courses in the dual enrollment program,
- the process by which students and their parents exercise their option to participate in an articulated acceleration program,
- high school credits earned for completion of each dual enrollment course,
- postsecondary courses that meet the criteria to be counted toward meeting graduation requirements,
- eligibility criteria for student participation in dual enrollment courses and programs,
- institutional responsibilities regarding student screening prior to enrollment and monitoring student performance,
- identification of the instructional quality criteria by which dual enrollment courses and programs are to be judged,
- delineation of institutional responsibilities for assuming the costs for dual enrollment courses and programs, including responsibilities for student instructional materials,
- delineation of responsibility for providing student transportation if the dual enrollment is conducted at a facility other than a high school campus, and
- process for converting college credit hours earned through dual enrollment and early admission programs to high school credit based on mastery of course outcomes.

Student Materials for Dual Enrollment Courses [1007.271\(13\) F.S.](#)

Students enrolled for dual enrollment courses through a district high school are exempt from the payment of registration, tuition, online instructional materials access code and lab fees. Core subject textbooks assigned for use within dual enrollment courses shall be made available free of charge to district dual enrollment students. Due to the re-use of dual enrollment materials, it is imperative that dual enrollment students return their books on time. There will be a \$10/book per day late fee for books not returned at the designated time.

Home education students may enroll in a dual enrollment course at their zoned high school with the principal's approval. They may take the course at the college if it is not available at the zoned high school. Each college must enter into a Home Education Articulation Agreement with each student seeking enrollment in a dual enrollment course. Private school students may not enroll in our school district for a dual enrollment course to obtain exemptions from fees.

Student Transportation for Dual Enrollment Courses

Students taking dual enrollment courses on a postsecondary campus or on a high school campus outside of regular school hours must provide their own transportation.

Dual Enrollment and the Three-Year 18-Credit ACCEL Graduation Program Students

Students enrolled in three-year 18-credit ACCEL graduation program may be eligible for dual enrollment credit. However, all dual enrollment courses must be taken prior to the completion of the 18 required credits.

Funding [1007.272\(2\) F.S.](#)

No student may be counted for funding through both a dual enrollment and advanced placement program.

Students who will graduate prior to completion of a dual enrollment course may not register as a dual enrollment student. An eligible student may enroll and pay tuition and fees. ([1007.271 F.S.](#))

Instructional Time for Dual Enrollment [1007.271\(2\) F.S.](#)

Instructional time for dual enrollment may vary from 900 hours; however, schools may only report a dual enrollment student for a maximum of 1.0 FTE. Each semester of instruction (.5 credit) that is eligible for high school and dual enrollment credit shall be reported as 75 membership hours for purposes of FTE calculation.

Enrollment in College Courses for College Credit Only

Students enrolled in postsecondary instruction not creditable toward a high school diploma shall be required to assume the cost of instructional materials and fees.

Placement Criteria for Dual Enrollment at First Coast Technical College

Students wishing to be placed in dual enrollment classes at First Coast Technical College must fulfill the following requirements:

- be in grade 11 or 12,
- have a 2.5 or higher GPA upon entry,
- complete the dual enrollment/registration form including all required signatures,
- complete assessment testing within six weeks of program entry (if not completed, as recommended, prior to entry),
- maintain a grade of C or above average in selected dual enrollment program(s).

Placement Criteria for Dual Enrollment – Associate Degree at St. Johns River State College
[1007.271\(3\) F.S.](#)

Students in grades 6-12 wishing to enroll as dual enrollment students (AA or AS degrees) at St. Johns River State College first must meet St. Johns County School District Honors Criteria. In addition, students must meet the following requirements:

- demonstrate readiness for college or career level course work,
- be seeking an associate in science college degree, or an associate in arts college degree,
- have a minimum 3.0 unweighted cumulative GPA,
- have demonstrated academic, social and emotional maturity to ensure success in college level study,
- have a counselor's and principal's approval,
- be limited to 10 hours of college credit enrollment per college semester,
- maintain a grade of C or better in each class to remain in the dual enrollment program,
- be aware that receiving a grade of D or F, or withdrawing (W) for any course results in ineligibility to remain in the dual enrollment program, and provide acceptable results from the American College Test (ACT), the Scholastic Aptitude Test (SAT), the Common Placement Test (CPT) or another standardized placement test for college level English and math.

Eligible dual enrollment students are exempt from the payment of registration, tuition, online access fees and laboratory fees.

Dual Enrollment Credit Limitations

Eligible students may earn up to 10 dual enrollment credits per college semester for each fall and spring semester (as defined by the community college semester). Students whose Customized Learning Path (CLP) indicates the need for two science courses, two labs, and a 3 credit DE course for a total of 11 credits in one semester may petition for permission to take 11 credits. The principal or designee, in coordination with dual enrollment coordinator at the community college, shall approve or disapprove the petition.

Vocational-preparation courses, college preparatory courses, and physical education courses that focus on the physical education of a skill, rather than the intellectual attributes of the activity, are ineligible for dual enrollment credit.

Career Dual Enrollment [1007.271\(4\) F.S.](#)

Career dual enrollment shall be provided as a curricular option for secondary students to pursue in order to earn a series of elective credits toward the high school diploma. Career dual enrollment shall be available for secondary students seeking a degree or certificate from a complete career-preparatory program and shall not be used to enroll students in isolated career courses.

Placement Criteria for Career Dual Enrollment - Career Certificate at St. Johns River State College

Students wishing to enroll in the dual enrollment career certificate program at St. Johns River State College must meet the following requirements:

- demonstrate readiness for career level course work,
- have a minimum 2.0 unweighted grade point average, and
- take a series of elective credits rather than isolated career courses.

Collegiate High School/Dual Enrollment Option [1007.273\(11\) F.S.](#)

Collegiate High School is an option for public high school seniors to earn CAPE industry certifications ([1008.44 F.S.](#)) and to successfully complete 30 credit hours through the dual enrollment program. Florida Statute [1007.271](#) establishes that “the Dual Enrollment program is the enrollment of an eligible secondary student in a postsecondary course creditable toward high school completion and a career certificate or an associate or baccalaureate degree.”

Early Admission to College [1007.271\(10\) F.S.](#)

After having earned 17 credits, a student may be excused from the last two semesters of his/her high school experience if he/she is accepted for admission by an accredited college or university. The student must meet the following requirements:

- have an unweighted GPA of 3.0 or better,

- perform acceptably on the entry level placement instrument designated by the postsecondary institution, and
- obtain a written recommendation from the school principal or his/her representative.

A student under this program shall have the rights and privileges of the Dual Enrollment Program if an agreement exists with that college. If a student plans to use the Early Admission option at a school with which there is not a current agreement with St. Johns County Schools, the student must obtain approval for early admission from the superintendent and the School Board.

A student under this program may be awarded a diploma when the student has completed two college semesters as a full-time student participating in eligible courses and earning no less than 24 semester hours and maintaining at least a C average. After the conclusion of each college semester, it is the student's responsibility to furnish the school with an official college transcript of work completed.

A student who is enrolling as an Early Admissions student who has passed the AP/Language/Literature test(s) and/or the AICE exam with a high enough score may earn Composition I , II and/or III credit and will be able to use the credit(s) as a replacement for English IV credit . This does not apply to an IB student since IB tests are taken in the senior year, and credit is not awarded until late summer after graduation. The student should check with the college or university he/she plans to attend to verify that the credit(s) received from AP or AICE exams will be accepted.

Early Admission students shall retain any honors earned in high school prior to early admission to college with one exception: Students under this program cannot receive additional honors such as valedictorian or salutatorian. Early admissions students who are dually enrolled shall be granted senior privileges.

Students Entering Grade Nine in the 2014-2015 School Year and Forward Academic Advisement Flyer—What Students and Parents Need to Know

What are the diploma options?

Students must successfully complete one of the following diploma options:

- 24-credit option
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL) option
- Advanced International Certificate of Education (AICE) curriculum
- International Baccalaureate (IB) Diploma curriculum

What are the state assessment requirements?

Students must pass the following statewide assessments:

- Grade 10 English Language Arts or a concordant score
- Algebra I end-of-course (EOC); the results constitute 30 percent of the final course grade* or a comparative score.

Refer to [Graduation Requirements for Florida's Statewide Assessments](#) for concordant and comparative scores.

Students must participate in the EOC assessments; the results constitute 30 percent of the final course grade*. These assessments are in the following subjects:

- Biology I
- U.S. History
- Geometry

*Special note: Thirty percent not applicable if not enrolled in the course but passed the EOC.

What is the credit acceleration program (CAP)?

This program allows a student to earn high school credit if the student passes an Advanced Placement (AP) examination, a College Level Examination Program (CLEP) or a statewide course assessment without enrollment in the course. The courses include the following subjects:

- Biology I
- U.S. History
- Geometry
- Algebra I

What are the graduation requirements for students with disabilities?

Two options are available only to students with disabilities. Both require the 24 credits listed in the table, and both allow students to substitute a career and technical education (CTE) course with related content for one credit in ELA IV, mathematics, science and social studies (excluding Algebra I, Geometry, Biology I and U.S. History).

- Students with significant cognitive disabilities may earn credits via access courses and be assessed via an alternate assessment.
- Students who choose the academic and employment option must earn at least 0.5 credit via paid employment.

What are the requirements for the 24-credit standard diploma option?

4 Credits English Language Arts (ELA)	
<ul style="list-style-type: none"> ▪ ELA I, II, III, IV ▪ ELA honors, AP, AICE, IB and dual enrollment courses may satisfy this requirement. 	
4 Credits Mathematics	
<ul style="list-style-type: none"> ▪ One of which must be Algebra I and one of which must be Geometry. ▪ Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry). 	
3 Credits Science	
<ul style="list-style-type: none"> ▪ One of which must be Biology I, two of which must be equally rigorous science courses. ▪ Two of the three required credits must have a laboratory component. ▪ An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I). ▪ An identified rigorous computer science course with a related industry certification substitutes for up to one science credit (except for Biology I). 	
3 Credits Social Studies	
<ul style="list-style-type: none"> ▪ 1 credit in World History ▪ 1 credit in U.S. History ▪ 0.5 credit in U.S. Government ▪ 0.5 credit in Economics with Financial Literacy 	
1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts[†]	
1 Credit Physical Education[†]	
<ul style="list-style-type: none"> ▪ To include the integration of health 	
<p>[†] Special note: Eligible courses and eligible course substitutions are specified in the Florida Course Code Directory.</p>	
8 Elective Credits	
1 Online Course Within the 24 Credits	
<ul style="list-style-type: none"> ▪ Students must meet the state assessment requirements (see left column). ▪ Students must earn a 2.0 grade point average on a 4.0 scale. 	

What are the requirements for standard diploma designations?

Diploma Designations
<p style="text-align: center;">Scholar Diploma Designation</p> <p>In addition to meeting the 24-credit standard high school diploma requirements, a student must meet the following requirements:</p> <ul style="list-style-type: none"> ▪ Earn 1 credit in Algebra II; ▪ Pass the Geometry EOC; ▪ Earn 1 credit in statistics or an equally rigorous mathematics course; ▪ Pass the Biology I EOC; ▪ Earn 1 credit in chemistry or physics; ▪ Earn 1 credit in a course equally rigorous to chemistry or physics; ▪ Pass the U.S. History EOC; ▪ Earn 2 credits in the same world language; and ▪ Earn at least 1 credit in AP, IB, AICE or a dual enrollment course. <p>A student is exempt from the Biology I or U.S. History assessment if the student is enrolled in an AP, IB or AICE Biology I or U.S. History course and the student</p> <ul style="list-style-type: none"> ▪ Takes the respective AP, IB or AICE assessment; and ▪ Earns the minimum score to earn college credit. <p style="text-align: center;">Merit Diploma Designation</p> <ul style="list-style-type: none"> ▪ Meet the standard high school diploma requirements ▪ Attain one or more industry certifications from the list established (per section 1003.492, Florida Statutes [F.S.]).

Can a student who selects the 24-credit program graduate early?

Yes, a student who completes all of the 24-credit program requirements for a standard diploma may graduate in fewer than eight semesters.

What is the distinction between the 18-credit ACCEL option and the 24-credit option?

- 3 elective credits instead of 8
- Physical Education is not required
- Online course is not required

All other graduation requirements for a 24-credit standard diploma must be met (per s. 1003.4282(3)(a)-(e), F.S.).

Where is information on Bright Futures Scholarships located?

The Florida Bright Futures Scholarship Program rewards students for their academic achievements during high school by providing funding to attend a postsecondary institution in Florida. For more information, visit [Florida Bright Futures Scholarship Program](#).

What are the public postsecondary options?

State University System (SUS)
<p>Admission into Florida’s public universities is competitive. Prospective students should complete a rigorous curriculum in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida’s public universities, a first-time-in-college student must meet the following minimum requirements (credit earned by industry certification does not count for SUS admission):</p> <ul style="list-style-type: none"> ▪ High school graduation with a standard diploma ▪ Admission test scores ▪ 16 Credits of approved college preparatory academic courses <ul style="list-style-type: none"> ○ 4 English (3 with substantial writing) ○ 4 Mathematics (Algebra I level and above) ○ 3 Natural Science (2 with substantial lab) ○ 3 Social Science ○ 2 World Language (sequential, in the same language) ▪ 2 Approved electives <p style="text-align: right;">State University System of Florida</p>
The Florida College System
<p>The 28-member Florida College System offers career-related certificates and Associate in Science degrees that prepare students to go directly into the workforce, as well as Associate of Arts degrees that prepare students to transfer to a bachelor’s degree program. Many also offer baccalaureate degrees in high-demand fields. The Florida College System has an open-door policy enabling students who have earned a standard high school diploma, high school equivalency diploma or have demonstrated success in postsecondary coursework to be admitted to an associate degree program.</p> <p style="text-align: right;">Division of Florida Colleges</p>
Career and Technical Centers
<p>Florida also offers students 48 accredited career and technical centers throughout the state, which provide the education and certification necessary to work in a particular career or technical field. Programs are flexible for students and provide industry-specific education and training for a wide variety of occupations.</p> <p style="text-align: right;">Secondary Career and Technical Education Directors</p>

Where is information on financial aid located?

The Florida Department of Education Office of Student Financial Assistance administers a variety of postsecondary educational state-funded grants and scholarships. To learn more, visit [Office of Student Financial Assistance](#).

Revised July 2017

24 Credit High School Program Checklist

One course must be an online course

Student Name:		Student ID#:	
18 core curriculum credits			
4 credits English: Courses must include a major concentration in composition, reading for information and literature.			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 credits mathematics: Algebra I and Geometry and two more			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 credits science: 1 credit in Biology and two more equally rigorous courses. Two of the three must include a laboratory component			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3 credits social studies: 1 credit United States history, 1 credit world history, .5 credit economics and .5 credit United States government			
<input type="checkbox"/> U.S. History	<input type="checkbox"/> World History	<input type="checkbox"/> Economics	<input type="checkbox"/> U.S. Government
1 credit in fine or performing arts, or speech & debate, or practical arts	<input type="checkbox"/>	<input type="checkbox"/>	
1 credit physical education: to include integration of health	<input type="checkbox"/>	<input type="checkbox"/>	
2 credits in the same World Language required for direct admission into a 4 year state university, but <u>not</u> a requirement to graduate from high school			
<input type="checkbox"/>	<input type="checkbox"/>		
8 credits in electives			
8 credits in electives			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signatures		Passing score on FCAT	
Student:		<input type="checkbox"/> Reading	<input type="checkbox"/> Algebra I EOC
Parent:		<input type="checkbox"/> 2.0 or above unweighted cumulative GPA	
Date:		<input type="checkbox"/> ACT or SAT taken before graduation	

Exhibit A

**Dual Enrollment: Off Campus Courses
Petition for Permission to Register**

Please complete the following information to petition to take a dual enrollment course off campus when the same course is offered at your school. Upon completion of this form with the appropriate signatures, you may begin the process of registering for the course. You must provide a copy of this form with your St. Johns River State College registration form.

Student and Course Information:

Student name: _____ Date: _____

School: _____

Off campus course requested: _____ Course #: _____

Explanation of how the requested off-campus course aligns with your CLP:

Parent Approval:

Signature: _____ Date: _____

Guidance Department Action:

Guidance Department Decision: Approved Denied Date _____

If denied, reason for denial: _____

Counselor name: _____

Counselor signature: _____

Administrative Action:

Administration decision: Approved Denied Date _____

If denied, reason for denial: _____

Administrator name: _____ Title _____

Administrator signature: _____

Comments:

Students must attach a copy of this form to their St. Johns River State College registration form.

St. Johns County School District

Dual Enrollment Community College Waiver Request

Directions for Obtaining a DE Waiver:

- The student must write a letter requesting an exception be made to the policy requiring his/her participation in Dual Enrollment at SJRCC, the community college which serves the St. Johns County School District. In this letter, an explanation must be given describing the rationale for the request.
The student must complete Section I below and submit it with his/her letter to the high school guidance counselor for processing. Completing the petition process does not guarantee approval of waiver.
Guidance must submit the waiver request to the Principal for approval/disapproval
If approved, the Principal must submit the waiver to the Director for Instructional Services for approval.
The Director for Instructional Services must submit the approved waiver to the Director of Dual Enrollment at SJRCC
SJRSC will approve and send final approval form to requesting student's school copying Director of Instructional Services

Student Initiated Request:

Name: _____ Date: _____

High School: _____ Student ID # _____ H.S. Graduation Date _____

I hereby request a waiver to attend FSCJ rather than SJRCC due to the following:

- class or program of study not offered at SJRCC (indicate class or program) _____
FSCJ is in closer proximity to my home or high school than SJRCC
Other (explain) _____

St. Johns County School District Approval:

High School Principal & School District Designee Approval

Recommend:

- Approval
Disapproval

Principal: _____

Date: _____

Recommend:

- Approval
Disapproval

School District Designee: _____

Date : _____

Comments:

St. Johns River State College Approval:

Director of Dual Enrollment & Open Campus Provost Approval

Recommend:

- Approval
Disapproval

Director of DE: _____

Date: _____

Recommend:

- Approval
Disapproval

Open Campus Provost: _____

Date : _____

Comments:

St. Johns County School District

**Dual Enrollment
Textbook Checkout Agreement**

Student Name _____
(Please Print)

e-mail Address _____

Phone _____

High School _____

Counselor's Name _____

I, _____ understand that it is my responsibility to return textbook(s) in good condition to The Fullerwood Center no later than the last public school day in December of the enrollment year.

or pay the **overdue fee of \$10.00 per book, per day**. Consumable materials such as workbooks, solutions & lab manuals are not to be written in. Full replacement price will be charged in this event. I am also responsible for paying the purchase price for any textbooks not returned, lost or unnecessarily damaged.

The failure to collect such sum upon reasonable effort by the high school principal may result in suspension of the pupil from participation in extracurricular activities or satisfaction of the debt by the pupil through community service activities at the school site as determined by the principal.

FS 1006.28 (3b)

Exhibit D

**St. Johns River State College
Dual Enrollment Textbook Voucher**

Please issue one copy of the textbook(s) for the following course(s).

Student Name: _____

High School Name: _____

Identification Number: _____

Home Phone: _____ E-mail address: _____

Course name and number: _____

Course name and number: _____

Course name and number: _____

Course name and number: _____

Course name and number: _____

Note: In order to avoid being charged the full price of the textbook, you are responsible for returning it in good condition to the Fullerwood Media Center, 10 Hildreth Drive, at the end of the first semester. Make sure that the book is recorded as returned!

Student Signature: _____

Date: _____

The textbooks for the above course(s) are not available to the student from our inventory and I am therefore authorizing the purchase of the textbook(s). The applicable county school board will be billed for the book(s).

Authorized by: _____

Date: _____