

St. Johns County Schools Career and Professional Education Strategic Plan 2008 - 2013

District Mission

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

District Strategic Objectives

1. By the year 2010, each student will master all academic standards set forth by the district and state.
2. By the year 2010, all students will continually identify personal interests, pursue them actively and independently, and produce evidence of positive growth as stated in the core values.
3. By the year 2010, all students will continually volunteer for and complete service to the community.

District Strategies

We will:

1. Provide a delivery system so that each student will master all academic standards.
2. Utilize technologies throughout the system to manage data, enhance student achievement of our strategic objectives, and communicate with internal and external communities.
3. Ignite the enthusiasm of our internal and external communities to support, commit, and contribute to the achievement of our strategic objectives.

Career and Technical Education Vision

To provide every St. Johns County student, the most relevant, high-level career education available.

Career and Technical Education Mission

Connect students to business-driven programs that offer the highest level of education available. Enhance district-wide partnerships between business and education in order to attract and retain targeted, high-value industries and provide students with numerous opportunities to reach their potential. To foster students' knowledge, skills and creativity to thrive in a global environment. To build capacity to serve all students in high-level, demanding and motivating programs.

Career and Professional Education Act 5-year Strategic Plan Executive Summary

This 5-year strategic plan serves to create complete, strategic alignment between the vision and mission of St. Johns Public School District, Florida's Career and Professional Education Act (CAPE), and desires of our business partners. The strategies are to implement, expand and achieve national recognition for high quality programs by striving to achieve the National Standards of Practice for Career Academies.

CAPE includes a number of measures to improve the quality and perceived value of high school career and technical education (CTE) programs in Florida. Each District must have a 5-year Strategic Plan for CAPE and have one operational CAPE program no later than 2008-2009 school year.

CAPE Academies **must**:

- Integrate rigorous curriculum with an industry-specific curriculum, aligned to high-skill, high-wage, and high-demand occupations in target industries identified by the regional workforce development board.
- Promote and provide opportunities for students to attain Florida Gold Seal Scholarship Award.
- Integrate secondary and postsecondary education in order to provide high school students opportunities to earn postsecondary credit in career-based courses and to provide seamless transition into postsecondary CTE or academic programs.
- Instruction must result in an industry-recognized certification (to qualify for additional weighted funding).

To date, St. Johns County School District has developed strategic partnerships with WorkSource (the Workforce Development Board for Region 8), our Chambers of Commerce and industry partners to identify targeted high-demand industry clusters, as well as, targeted occupations that are high-skill and high-wage. In an effort to create relevant experiences for our students, business advisors have provided input on industry certifications, 5-year plans, college programs to incorporate and the design /set up of our laboratories and classrooms as well as software purchases. To further this effort, business and post-secondary partners provide "loaned executives" to serve as classroom instructors allowing students to earn college credits while still in high school. Additionally, for career academy *academic* teachers, businesses host teacher externships. Teachers then use their experiences in business to create lesson plans that reinforce real-world experiences.

SJCSD Career Academy implementation aligns with the District's overall strategic plan and the state's CAPE requirements. As such, Career Academies offer:

- 1) Personalization by developing a core group of teachers that can build positive relationships with students;
- 2) Cohort scheduling in 9-12 grade;
- 3) Rigorous academic and career-related learning to improve student motivation and achievement through expanded dual enrollment and accelerated course offerings leading to college credit in high school;
- 4) Alignment with and expansion in targeted industries, to reach *all* high school students;
- 5) Extensive business involvement offering business partners acting as classroom instructors, mentors, student intern hosts and teacher externship hosts, or guest speakers;
- 6) Teachers and students the opportunity to obtain industry certifications;
- 7) Continual preparation of rigorous and relevant curricula with coherent programs of study personalized for students so they are academically prepared for postsecondary education without the need for remediation;
- 8) Implementation of course recovery; and
- 9) Implementation of course acceleration through postsecondary partners.

Enrollment Projections

School	Academy Program	2008-09	2009-10	2010-11	2011-12	2012-13
BTHS	Academy of Finance 163	175	200	225	250	275
	Academy of Design & Building Construction 176	150	175	200	225	250
CSHS***	Academy of New Media Technology 0	50	100	150	200	250
	Academy of Environmental Science & Urban Planning 0	50	100	150	200	250
PMHS	Academy of Health 98	150	200	225	250	300
	Academy of Business / Finance 57	75	140	170	185	200
	Architecture (ABS) 79	75	100	125	150	175
Nease	Engineering 90	100	125	150	175	200
	Communications 181	175	200	225	250	300
PVHS***	Academy of Intl Business / Marketing 0	50	100	150	200	250
	Academy of Biotechnology & Medical Research 0	50	100	150	200	250
SAHS	Aerospace 110	150	200	225	250	300
	Teaching 25	50	75	100	150	200
SJT	Criminal Justice 34	50	60	75	100	150

***New high schools will open in August 2008-09 with grades 9-11. Grade 12 is not offered.

Career Academy alignment to industry certifications and college credits

School	Academy Program	Industry Certification	College Credits Available
Bartram Trail	Academy of Finance (Web design)	Adobe Photoshop CS2 ACE-	6 credits - SJRCC
	(Entrepreneurship)	Marketing Concepts Certification	9 credits - SJRCC
	(Finance)	Microsoft Office Specialist Credit Business Associate	24 credits - SJRCC
	Interior /Fashion Design Services	Marketing Concepts (fashion) Nt'l Professional Certification in Customer Service (Interior)	39 credits - FCCJ
	Drafting (Architectural)	AutoDesk/AutoCAD	12 credits – SJRCC
Creekside	Network Support	CISCO; MOS Specialist	12 credits - SJRCC
	New Media Technology	Apple Professional; Final Cut Pro	
	Civil Engineering	AutoDesk/AutoCAD Lite Water Quality Technician	UNF, SJRCC pending
	Environmental Engineering	AutoCAD Lite ARCVIEW (GIS certification); LEED (green certification) Storm water management Water quality technician	UNF, SJRCC pending
Menendez	Health	CPR; CNA	34 credits – SJRCC
	Business / Finance	MOS specialist: Excel, PPT, Word, Adobe Certified Bank Teller MS Business Certification (MSBC)	24 credits – SJRCC
	Drafting (Architectural)	AutoDesk/AutoCAD	12 credits – SJRCC
	Building Construction Technology:	NCCER: Building Construction Carpentry or Masonry; OSHA	12 credits – SJRCC
Nease	Engineering (mechanical drafting)	Autodesk / AutoCAD	12 credits – SJRCC 7 credits - UNF
	Marketing:	Marketing Concepts	12 credits – SJRCC
	TV Production:	Apple Professional	9 credits – SJRCC
	Commercial Art:	Adobe Professional: Photoshop	Clock-hour credit -- FCTC
Ponte Vedra	International Marketing:	Marketing Concepts	12 credits – SJRCC
	International Business:	MOS	12 credits – SJRCC 7 credits – UNF
	Medical Biotechnology	TBA	UF, UNF, FCCJ pending
	Environmental Biotechnology	TBA	UF, UNF pending
St. Augustine	Aviation	General airframe & power plant	24 credits - ERAU
	Teaching	Para Professional	60 credits – SJRCC
	Commercial Art	Adobe Professional: Photoshop	Clock-hour credit FCTC
St. Johns Technical	Criminal Justice:	Security Guard; Forensic Mapping using Visual Effects	NA