

Applied Information Technology

(PROGRAM #9003400)

The Applied Information Technology pathway teaches students the study, design, development, implementation, and support of information systems to solve the major challenges in today's work environment. Students learn a variety of skills in a full range of areas, including systems development, IT project management and business analysis.

Students in this pathway will participate in the following Career Technical Student Organization(s) (CTSO). FBLA, BPA

SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)

PROFESSIONAL CAREER CERTIFICATIONS*

Industry Certification Title	CAPE college credits	Graduation online course requirement	Math/Sci Waiver (non-EOC)
Microsoft Office Specialist	N/A	YES	N/A
Microsoft Office Specialist Master	N/A	YES	N/A
Adobe Certified Associate Dreamweaver	3 credits	YES	YES
Adobe Certified Associate Flash	3 credits	YES	YES
CIW Web Design Specialist	3 credits	YES	YES
CIW Database Design Specialist	3 credits	YES	YES
CIW JavaScript Specialist	3 credits	YES	YES
Adobe Photoshop CC	N/A	YES	NO
Adobe Illustrator	N/A	YES	NO

POST SECONDARY OPTIONS

Options	Pathway	Career**	Avg. Salary**
COLLEGE / UNIVERSITY ENROLLMENT	Information Technology BS Computer Information Technology AS	Info Systems Manager Computer Systems Analyst Database Administrator	\$98,450 \$72,536 \$85,043
REGISTERED APPRENTICESHIP	N / A	N / A	N / A
WORKFORCE	IT Industry	Technical Support IT Service Sales Associate	\$18.00 / hr \$16.37 / hr \$10.09 / hr

COLLEGE SCHOLARSHIPS

<p>Florida Gold Seal Vocational Scholars (GSV)</p> <p>Funds 2-year programs: Technical College certificate or State College degree</p>	<p>The Florida Gold Seal Vocational Scholars (GSV) can be used to fund a career education or certificate program at a Technical or State College. To earn this scholarship students must:</p> <ul style="list-style-type: none"> • Complete 3 credits within a single pathway • 3.0 weighted core GPA • 3.5 unweighted GPA in the pathway courses • Minimum college ACT, SAT, or PERT scores <p>Click here to see the full eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</p>
<p>Florida Gold Seal CAPE Scholars (GSC)</p> <p>Funds a 2+2 bachelor's degree (BS or BAS)</p>	<p>The Florida Gold Seal CAPE Scholars award (GSC) can be used to fund a career education or certificate program. To earn this scholarship students must:</p> <ul style="list-style-type: none"> • Pass Industry Certification exam(s) equaling 5 or more college credits • Document a minimum of 30 service hours <p>Click here to see the full GSC eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</p> <p>Click here to see Industry Certification awarded college credits: http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml</p>

SCHOOLS OFFERING THIS PATHWAY

High Schools:	Dillard 6-12 Blanche Ely Everglades Miramar Monarch Northeast Piper
Middle Schools:	Any school that offers the Digital Information Technology high school course

COURSE PROGRESSION

Course	Course #	Teacher Certification
Digital Information Technology	8207310	BUS ED COMPU SCI
Web Technologies (honors)	9003420	
IT Systems & Applications (honors)	9003430	
Database Essentials (honors)	9003440	
Programming Essentials (honors)	9003450	
Web Development Technologies (honors)	9003460	
Multimedia Technologies (honors)	9003470	
Computer Networking Fundamentals (honors)	9003480	
Cybersecurity Fundamentals (honors)	9003490	

CAREER PATHWAY OPPORTUNITIES

CTE pathways offer students opportunities to continue their education after high school. Dual Enrollment pertains to students taking college courses while enrolled in high school. Articulation agreements allow students to earn college credit for CTE courses and industry certifications earned in high school.

Workplace Experience	CTE students have the opportunity to complete a pre-professional learning experience the summer after 11 th grade in their chosen field of study or career interest. www.browardschools.com/CTACE
Broward Technical Colleges	Students who have passed courses in a high school CTE program or earned an Industry Certification can apply those credits to the aligned postsecondary program. Contact a BTC Counselor for more information or follow the link to see how you can save time and money when you attend a Broward Technical College. http://www.browardtechnicalcolleges.com/articulation-agreement
Broward College	Students who complete a CTE pathway or earn an Industry Certification that aligns with Broward College's Associate of Science degree programs can earn FREE college credit. www.broward.edu/academics/cpl/pages/high-school.aspx

*Industry certifications offered may vary by school.

**Salary data collected from Indeed.com, 04/2017

CONTACT INFORMATION

Broward County Public Schools: Career, Technical, Adult and Community Education

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Individuals with disabilities requesting accommodations under the American with Disabilities Act Amendments Act of 2008 (ADAAA) may call Equal Educational Opportunities/ADA Compliance Department at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

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