

Academy of Information Technology

Career Cluster: Information Technology

Program Strand: Web Design Technology

Students who choose a career in Web Design Technology are trained in industry based web design software applications where they organize, plan, and develop web pages and websites.

Secondary Career Academy Development Timetable Academy classes are listed in bold type.

Pre-Academy Grades 6 – 8	Grade 9	Grade 10	Grade 11	Grade 12	
6 th grade—Middle Moves 7 th grade—Career Preparation Requirement 8 th grade—Transition Tools M/J Vocational Wheel 1 BU 800020012 Semester Courses: Business Keyboarding 820011011 ¹ Comp App in Bus 1 820022011 ¹ Comp App in Bus 2 820021011 ¹ Comp App in Bus 3 820021111 ² Comp App in Bus 4 820021211 ² Bus Lead Skills 820012001 ² ¹ Recommended for 7 th grade ² Recommended for 8 th grade	English I	English II	English III	English IV	
	Algebra or higher	Geometry or higher	Algebra II or higher	Pre-calculus or Other Mathematics Course	
	Earth & Space Science or Biology	Biology or Chemistry	Chemistry or Physics or Physical Science	Science Elective or Other Elective	
	World History	Elective	American History	American Government / Economics	
	9 th Grade Transition	Foreign Language or Other Elective	Foreign Language or Other Elective	Foreign Language or Other Elective	
		Computing for College and Careers 820902001 or Intro. to IT 820731001 or Key and Bus Skills 820032011 and Comp and Bus Skills 820033011	Web Design 1 820711001	Web Design 2 820712001	Web Design 3 820713001
	Elective	Elective	Elective	Elective	
	Elective	Elective	Elective	Elective	

Suggested Electives:

- Students may in their Junior or Senior year opt to participate in the Career Experience Opportunity (CEO) internship program using the following course numbers: Workplace Essentials – 83003101A (Honors .5) and CEO internship – 0500330CE (Honors .5).
- Students may complete more than one program within the Academy of Information Technology providing courses are offered at the school site.
- In addition, students can choose to enroll in Business and Entrepreneurial Principles, Legal Aspects of Business, Business Cooperative Education, and Photography classes to enhance their marketability.

To find a Miami-Dade County Public High School with this Program Strand, please link to http://ssr.dadeschools.net/acad_tally_schls.pdf

Internship Opportunities	Student Organizations / Clubs	Earn Upon Completion
<ul style="list-style-type: none"> • Internship • Cooperative Education • Job Shadowing • School-Based Enterprise • Service Learning • Dual Enrollment • Portal to CEO 	<ul style="list-style-type: none"> • Future Business Leaders of America (FBLA) • Student Chamber of Commerce • School Computer Club 	<ul style="list-style-type: none"> • Industry Title & FLDOE OCP's correlated to the individual areas. • For more information on the Florida Department of Education Bright Futures Scholarship Programs: Florida Academic Scholars Award (FAS), Florida Medallion Scholars Award (FMS), and Florida Gold Seal Vocational Scholars Award (GSV) please contact a guidance counselor or visit: http://www.floridastudentfinancialaid.org/ssfad/factsheets/BF.htm. • For more information on advanced standing at local public and private post secondary institutions as established per articulation agreements please contact a guidance counselor.

POSTSECONDARY OPTIONS

Certification Programs	Community College (A.A./A.S.) or Proprietary Programs	Four-Year College and University Programs
<ul style="list-style-type: none"> • Internet and Computing Core (IC3) • Dreamweaver • iNet + • The English Center • Miami Beach Adult Education & Community Education 	<ul style="list-style-type: none"> • Web Design • Graphic Design • AABA in Visual Communication • Miami Dade College 	<ul style="list-style-type: none"> • Web Design • Graphic Design • Information Technology / Graphics and Multimedia • BFA in Visual Communication <p style="text-align: right;">DeVry University</p>

CAREER OPTIONS

Entry Level	After Post-Secondary Education
<ul style="list-style-type: none"> • Web Designer • Commercial Artist 	<ul style="list-style-type: none"> • Layout/paste-up artist • Photo retouching and manipulation
	<ul style="list-style-type: none"> • Web Master • Game Designer and Developer • Computer Software Engineer • Illustrator • Web Designer • Graphic/Digital Designer • Desktop Publisher • Audio/Video editing