Program Strand: Architectural Design

Students who choose a career in Architecture design homes, buildings, landscapes and develop city plans.

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
6th grade—Middle Moves 7th grade—Career Preparation *Requirement** 8th grade—Transition Tools	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
	9th Grade Transition	Foreign Language or Other Elective	Foreign Language or Other Elective	Foreign Language or Other Elective
	Architectural Design I 0113300	*Architectural Design II 0113310*	*Architectural Design III 0113320*	*Portfolio Design I EL ARC X190*
	Elective	Architectural Drawing EL ARC X126	Architectural Concepts of Construction EL ARC X210	*Portfolio Design II EL ARC X191*
	Elective	Elective	Elective	*Internship*

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 Design providing courses are offered at the school site.
- In addition, students can choose to enroll in Architectural History II EL ARC X702, Architectural Communications EL ARC X115, Design Concepts II EL ARC X213, and Introduction to Architecture/Building Arts EL ARC X211 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
- Internship - Cooperative Education - Job Shadowing - School-Based Enterprise - Service Learning - Dual Enrollment - Portal to CEO	- Local School Art Club - Local School Computer Club	• 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 about TECH PREP Articulation Agreements with local colleges, please contact your guidance counselor.

POSTSECONDARY OPTIONS

Certification Programs	Community College (A.A./A.S.) or Proprietary Programs	Four-Year College and University Programs	
- None known at this time	- Interior Design - Architecture - Landscape Architect Architecture - Miami Dade College - Broward Community College - ITT Technical Institute	- Architectural Engineering - Architecture - Civil Engineering - Mechanical Engineering - Architectural Historian	- Florida Atlantic University - Florida International University - Florida State University - University of South Florida - University of Florida

CAREER OPTIONS

Entry Level		After Post-Secondary Education	
- Drafting Assistant - Freelance Artist - Model Designer - Technical Illustrator - Draftsperson - Surveyor	- Interior Design Assistant - Construction Manager - Contractor - Building Inspector - Urban Planner - Carpenter	- Architect - CADD Illustrator - Landscape Architect - Furniture Designer - Mechanical Engineer	- College Professor - Industrial Engineer - Project Manager - Corporate Architect - Architectural Journalist