

Program Strand: Urban Planning and Design

Students who choose a career in Urban Planning and Design help communities decide on the best use of land. They find places to build homes and businesses, deal with transportation issues, and study the environmental effects of possible projects.

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 Art 2D M/J Art 3D M/J Graphic Design | 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 | |
| | | Art 2-D Comprehensive I 010130001 and Art 3-D Comprehensive II 010131001 | Computer Graphics 01033001 | Computer Art: Applications to 3-D Design 01033001 | Architectural Design II 011331001 |
| | Elective | Architectural Design I 011330001 | Art Appreciation 010031001 | Portfolio I (Sen. Projects) 010931001 | |
| 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 number: 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 Art History II class 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"> • Academy Internship • Cooperative Education • Job Shadowing • School-Based Enterprise • Service Learning • Dual Enrollment • Portal to CEO | <ul style="list-style-type: none"> • Local School Art Club • Local School Computer Club | <ul style="list-style-type: none"> • 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 |
|--|---|--|
| <ul style="list-style-type: none"> • Drafting • CAD • Real Estate | <ul style="list-style-type: none"> • Architecture • Public Administration • Architecture • Drafting • Miami Dade College • Broward Community College • ITT Technical Institute | <ul style="list-style-type: none"> • Architecture • City, Community, and Regional Planning • Environmental Studies • Geography • Landscape Architecture • Public Administration • Urban Studies <ul style="list-style-type: none"> • Florida Atlantic University • Florida International University • Florida State University • University of South Florida • University of Florida |

CAREER OPTIONS

| Entry Level | After Post-Secondary Education |
|---|---|
| <ul style="list-style-type: none"> • Information Designer • Environmental Graphics Designer | <ul style="list-style-type: none"> • Architect • Civil Engineer • Geographic Specialist • Government Executives and Legislator • Architectural Illustrator • Landscape Architect • Real Estate Appraiser • Real Estate Brokers and Sales Agents • Theme Environment Designer • Amusement Park Designer • Teacher |