



Atlantic Technical College

www.atlantictechnicalcollege.edu

2019 - 2020

Drafting

Program Length/Schedule:

1500 hours/approx. 14 months (full-time)

This program is offered twice a year: August & January

Delivery Method: Traditional - 100% classroom-based.

M - F 7:05 a.m. - 1:50 p.m.

Admission Requirements:

- 16 Years of Age or older
- Complete a Program Orientation
- Basic Skills Testing or Exemption
- Meet with Program Counselor/Advisor

Job Outlook in the Ft. Lauderdale area:

- Demand for Architectural & Civil Drafters is expected to grow about 7% between 2016 and 2026 (Source: Bureau of Labor Statistics).
- Entry level wages for Drafters are about \$16/hour (Source: The Florida Department of Economic Opportunity). Actual wages vary according to education, experience and certifications.

Course Content:

Instruction is designed to provide experience in all aspects of this graphic language and teaches students how to use it to express their individual creative ideas and designs. Students begin their training by learning drafting principles and techniques using traditional manual drafting boards and tools. They then advance to the extensive use of techniques and technology utilized to prepare 2-D Computer-Aided Design and Drafting (CADD) work using AutoCAD, 3-D Building Information Modeling (BIM) drawings using Revit, and advanced mechanical design drawings using SolidWorks.

Students will be able to see their efforts come to life as their projects are created in 3-D through the latest technology in rapid prototyping using a 3-D printer. Rapid prototyping is a group of techniques used to quickly fabricate a scale model of a physical part or assembly using 3-D Computer Aided Design (CAD) data from a digital file.

Additional Skills Covered:

- 3D Printing
- Assembly, Detail & Pictorial Drawings
- Auxiliary Drawings
- Blueprint Reading
- Civil Plan & Map Drawings
- Electronic Drawings
- Exterior Elevations, Sections & Details
- Fundamentals of Architectural /Engineering Design
- Floor, Roof, Foundation, HVAC, Plumbing & Electrical Plan Drawings
- Fundamentals of Mechanical Design
- Multiview, Sectional, Fastener & Tool Drawings
- Patterns & Surface Developments
- Site/Plot Plan & Landscape Plan Designs
- Structural Framing Plan Drawings & Details
- Welding, Industrial Piping & Pneumatic/Hydraulic Drawings

**Enroll in This Fast Track Program
in a Fast Growing Industry!**

FOR MORE INFORMATION CALL 754-321-5200

**Atlantic Technical College
and Technical High School**
4700 Coconut Creek Pkwy
Coconut Creek, FL 33063
754-321-5100 | FAX: 754-321-5380



**Atlantic Technical College
Arthur Ashe, Jr. Campus**
1701 NW 23rd Avenue
Fort Lauderdale, FL 33311
754-322-2800 | FAX: 754-322-2880

See back of page for estimated program costs based on one (1) full year of documented Florida residency.

DRAFTING

C100200 I (1500 hours)

Fees

Tuition (approximate cost based upon program length)		\$4,200
Lab (approximate cost based upon program length)		\$300
Basic Skills Test		\$15
Registration (non-refundable fee)	\$40 per semester or \$20 per quarter	\$120
Annual Student Activity Fee	\$20 per academic year	\$40
TUITION, LAB, ASSESSMENT, REGISTRATION, ACTIVITY FEE (approximate costs)		\$4,675

There may be additional costs associated with books, uniforms, special tools, equipment and other related items.

Industry Certification & State Credential Exams: Students will be prepared to take an approved state and/or nationally recognized industry certification or licensure exam in their field of study.

College Credit Transfer Opportunity and/or Advanced Standing: Upon completion of the program and meeting eligibility requirements, including the attainment of an aligned industry credential, students may be awarded credits toward an AS/AAS Degree by Broward College. Students must enroll in Broward College within two (2) years of completing the program at Atlantic Technical College. Additional college credit may be awarded with the attainment of additional industry credentials.

INDUSTRY CERTIFICATION:

Industry certification and state credential exam costs are additional. However, you may qualify for reimbursement of your exam cost(s) upon passing the exam. See your program counselor/advisor for more information.

BOOKS/SUPPLIES:

For a list of books and prices go to www.atlanticechnicalcollege.edu/bookstore-price-list/ or visit the bookstore on campus. Additional supply information can be found in the syllabus located on the Web page for this program.

Your Action Plan Checklist - Get Started Today!

- Step 1 | Attend a Program Orientation**
- Step 2 | Take the Basic Skills Test or meet exemption criteria**
 - See your counselor/advisor for details on test exemptions/receive test results.
 - Accommodations for testing are available to qualified individuals. Visit the Office of Disability Services for details **before testing**.
- Step 3 | Meet with your counselor/advisor**
 - Receive test results
 - Discuss technical or academic program placement
 - Discuss special needs (unique situations)
 - Review Financial Aid
- Step 4 | Registration and Enrollment**



The mission of Atlantic Technical College and Technical High School is to promote excellence in academic, career and technical studies in order to prepare students to enter and remain competitive in a global workforce.



www.browardschools.com

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