2026-2027
ARCHITECTURE & CONSTRUCTION
DRAFTING





PROGRAM LENGTH
1500 Hours (approx. 14 months full–time)

PROGRAM OFFERED
August & January

DELIVERY METHOD
Traditional: 100% classroom-based

DAYS & TIMES
Monday - Friday | 7:05 a.m. - 1:50 p.m.

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
- Floor, Roof, Foundation, HVAC, Plumbing & Electrical Plan Drawings
- Fundamentals of Architectural/ Engineering Design
- 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

ADMISSION REQUIREMENTS:

- 16 Years of Age or Older
- Attend an ATC Program Information Session
- Basic Skills Testing or Exemption
- Meet with Program Counselor/ Advisor

BE PART OF EXCITING CONSTRUCTION INDUSTRY!

For more **INFORMATION** call **754.321.5200** or visit **AtlanticTechnicalCollege.edu**

Atlantic Technical College & Technical High School | 754.321.5100
4700 Coconut Creek Parkway, Coconut Creek, FL 33063

Arthur Ashe, Jr. Campus | 754.322.2800
1701 NW 23rd Avenue, Fort Lauderdale, FL 33311

DRAFTING

C100200 (1500 HOURS)	IN-STATE FEES	OUT-OF-STATE FEES
TUITION	$4,200	$16,800
LAB FEE	$300	$300
BASIC SKILLS TEST	$15	$15
REGISTRATION FEE (non–refundable fee)	$150	$150
ANNUAL STUDENT ACTIVITY FEE	$40	$40
*TUITION & FEES	$4,705	$17,305

*Tuition and fees are subject to change based on program length.
There may be additional costs associated with books, uniforms, special tools, equipment, and other related items.

YOUR ACTION STEPS

STEP 1 | Attend an ATC Program Information Session

STEP 2 | Reply to Follow-up Email

STEP 3 | Secure Funding Source

STEP 4 | Registration, Payment, and Enrollment

STEP 5 | Purchase Books & Supplies

POSSIBLE JOB TITLES

- Civil Drafter
- Architectural Drafter
- Mechanical Drafter
- CAD Operator/Drafter
- AutoCAD/CAD Technician

JOB OUTLOOK

FLORIDA COMMERCE

For information regarding **Drafting** salaries/wages, visit **FloridaJobs.org**

GET STARTED TODAY





ATLANTIC TECHNICAL COLLEGE & TECHNICAL HIGH SCHOOL
ATC
EST. 1973
BROWARD COUNTY PUBLIC SCHOOLS

GET THERE with Atlantic Technical College

THE MISSION OF ATLANTIC TECHNICAL COLLEGE & 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.

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. Exam costs are additional; however, you may qualify for reimbursement of your exam cost(s) upon passing. See your program counselor/advisor for more information.

COLLEGE CREDIT TRANSFER OPPORTUNITY CREDENTIAL EXAMS:

Upon completion of the program, you may be eligible to receive FREE associate degree transfer credits from Broward College or another state college. To learn more and determine eligibility, visit browardtechnicalcolleges.com/articulation-agreement/, scroll to the career cluster photos, click Architecture and Construction, or contact your program counselor/advisor. Additional college credit may be awarded with the attainment of industry certifications.

BOOKS/SUPPLIES:

For a list of books and prices go to atlantictechnicalcollege.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.

ATC Social Media

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