



2024-2025 | ATLANTIC TECHNICAL COLLEGE & TECHNICAL HIGH SCHOOL
MANUFACTURING

MACHINING TECHNOLOGIES

Course Content:

Students will learn how to set up and operate the following types of machines: contour saw, drill press, lathe, milling machine, grinder, and Computerized Numerical Control (CNC) machines. Instruction also includes the use of precision measuring instruments such as, layout and inspection tools, micrometers, and gauges. CNC programming, use of Computer Aided Design/Computer- Aided Manufacturing (CAD/CAM) processes, and set up and performance of advanced level machining operations are taught.

Related trade math and blueprint reading are part of the program and are used extensively in laboratory activities. The machinery and materials used are those commonly found in the machine tool industry. Instruction is provided in safe practices, which are critical in this industry, and the use of tools, equipment, materials and processes found in the machining industry.

Program Length

1500 Hours (approximately 14 months full-time)

Program Offered

August

Delivery Method

Traditional - 100% classroom based

Days & Times

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

Job Outlook



For information regarding Machining Technologies salaries/wages, visit FloridaJobs.org



Additional Skills Covered:

- Blueprint Reading
- CAD (Computer Aided Design)
- CNC (Computerized Numerical Control)
- Employability Skills
- Lathe Operations
- Milling Operations
- OSHA 10 Training made available
- Surface Grinding

Admission Requirements:

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

Atlantic Technical College & Technical High School

4700 Coconut Creek Parkway
 Coconut Creek, FL 33063
 754-321-5100 | Fax: 754-321-5380

Atlantic Technical College Arthur Ashe, Jr. Campus

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 Fort Lauderdale, FL 33311
 754-322-2800 | Fax: 754-322-2880

For more information call
 754-321-5200 or visit
AtlanticTechnicalCollege.edu



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GET STARTED Today

YOUR ACTION STEPS:

Step 1

Attend an ATC Program Information Session

Step 2

Reply to Follow-up E-mail

Step 3

Secure Funding Source

Step 4

Registration, Payment, and Enrollment

Possible Job Titles

- Machinist
- Manual Machinist
- CNC Machinist
- CNC Operator
- QC Inspector



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.

MACHINING TECHNOLOGIES

J200100 (1500 Hours)

Tuition (approximate cost based upon program length)	\$4,200	\$16,800
Lab (approximate cost based upon program length)	\$675	\$675
Basic Skills Test	\$15	\$15
Registration (non-refundable fee - \$40/semester or \$20/quarter)	\$120	\$120
Annual Student Activity Fee (\$20 per academic year)	\$40	\$40

In-State Fees

Out-Of-State Fees

Tuition, Lab, Assessment, Registration, Activity Fee (approximate costs)

\$5,050

\$17,650

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. 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 and/or Advanced Standing:

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 Manufacturing, 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 atlanticttechnicalcollege.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.

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