



**Atlantic  
Technical College**  
www.atlantictechnicalcollege.edu

**2019 - 2020**

## ***Machining Technologies***

### **Program Length/Schedule:**

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

This program is offered once a year: August

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 Machinists is expected to grow 10% between 2016 and 2026 (Source: Bureau of Labor Statistics).
- Entry level wages for Machinists are about \$12/hour (Source: The Florida Department of Economic Opportunity). Actual wages vary according to education, experience and certifications.

### **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 CNC (Computerized Numerical Control) machines. Instruction also includes the use of precision measuring instruments such as, layout and inspection tools, micrometers, and gauges. CNC programming, use of CAD/CAM (Computer Aided Design/Computer-Aided Manufacturing) 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.

### **Additional Skills Covered:**

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

**Enroll in This Fast Track Program  
for a Career in a Year**



**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.

# MACHINING TECHNOLOGIES

J200100 I (1500 hours)

Fees

Tuition (approximate cost based upon program length)		\$4,200
Lab (approximate cost based upon program length)		\$375
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
<b>TUITION, LAB, ASSESSMENT, REGISTRATION, ACTIVITY FEE (approximate costs)</b>		<b>\$4,750</b>

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.atlantictechcollege.edu/bookstore-price-list/](http://www.atlantictechcollege.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](http://www.browardschools.com)

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