2022 - 2023

MANUFACTURING

Atlantic Technical College & Technical High School

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.

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

Program Length:
1500 hours
(approximately 14 months full–time)

Program Offered:
August

Delivery Method:
Traditional – 100% classroom based

Days & Times:
Monday – Friday 7:05 am – 1:50 pm

Job Outlook:
For information regarding Machining Technologies salaries/wages, visit floridajobs.org

FLORIDA DEPARTMENT of ECONOMIC OPPORTUNITY

CAREER IN A YEAR
FLORIDA'S PUBLIC TECHNICAL COLLEGE SYSTEM

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

Atlantic Technical College and 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
1701 NW 23rd Avenue, Fort Lauderdale, FL 33311
754-322-2800 | Fax: 754-322-2880

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

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

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J200100 (1500 Hours)		Fees
Tuition (approximate cost based upon program length)		$4,200
Lab (approximate cost based upon program length)		$525
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)
There may be additional costs associated with books, uniforms, special tools, equipment and other related items.

$4,900

GET STARTED TODAY!

YOUR ACTION STEPS:

Step 1: Attend a Program Specific Orientation
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

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 and meeting eligibility requirements, including the attainment of an aligned industry certification, students may be awarded credits toward an Associate Degree by the Florida College System. Students must enroll within two (2) years of completing the program at Atlantic Technical College. Additional college credit may be awarded with the attainment of additional industry certifications.

Books/Supplies:

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

Established 1915 BROWARD County Public Schools

GET THERE with Atlantic Technical College

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.