



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

2019 - 2020

Welding Technology

Program Length/Schedule:

1050 hours/approx. 11 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 Welders is expected to grow 6% between 2014 and 2024 (Source: Bureau of Labor Statistics).
- Entry level wages for Welders are about \$14/hour (Source: The Florida Department of Economic Opportunity). Actual wages vary according to education, experience and certifications.

Course Content:

Students will work in a specialized classroom and practical laboratory learning how to cut and join metal parts through the application of arc welding. Instruction includes: selection of proper torch tips; adjustment of gas pressure and flame according to the size and characteristics of metal; selection of proper electrodes; adjustment of voltage and current for the type of metal; flame cutting, and use of equipment introducing a shield of inert gas (MIG-TIG & FCAW) around the electric arc to prevent oxidation. Instruction also involves classroom and practical experiences to teach students to fabricate and weld joints and perform fabrication in other areas of welding. Related instruction in blueprint reading and layout is included as an integral part of the program. Safety instruction is provided throughout the program and safe practices and procedures are stressed in all lab situations.

Additional Skills Covered:

- Blueprint Reading for Welders
- Employability Skills
- GMAW – Gas Metal ARC Welding (plate)
- GTAW – Gas Tungsten ARC Welding (plate)
- OAC – Acetylene Cutting
- OSHA 10 Training made available
- P.A.C. – Plasma ARC Cutting
- SMAW - Shielded Metal ARC Welding (plate)
- Welding Certification Available

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



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.

WELDING TECHNOLOGY

J400400 I (1050 hours)

Fees

Tuition (approximate cost based upon program length)		\$2,940
Lab (approximate cost based upon program length)		\$735
Basic Skills Test		\$15
Registration (non-refundable fee)	\$40 per semester or \$20 per quarter	\$80
Annual Student Activity Fee	\$20 per academic year	\$20
TUITION, LAB, ASSESSMENT, REGISTRATION, ACTIVITY FEE (approximate costs)		\$3,790

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/ 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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