2026-2027 MANUFACTURING

WELDING TECHNOLOGY





PROGRAM LENGTH
1050 Hours (approx. 11 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

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
- Joint Design and Welding Symbols
- Employability Skills
- GMAW – Gas Metal ARC Welding (plate)
- GTAW – Gas Tungsten ARC Welding (plate)
- OAC – Acetylene Cutting
- P.A.C. – Plasma ARC Cutting
- SMAW - Shielded Metal ARC Welding (plate)
- AWS Welding Certification Available
- OSHA 10 Training made available

ADMISSION REQUIREMENTS:

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

CAREER IN A YEAR
FLORIDA'S PUBLIC TECHNICAL COLLEGE SYSTEM

ENROLL in this **FAST TRACK** Program for a **CAREER** in a **YEAR**

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

WELDING TECHNOLOGY

J400400 (1050 HOURS)	IN-STATE FEES	OUT-OF-STATE FEES
TUITION	$2,940	$11,760
LAB FEE	$3,150	$3,150
BASIC SKILLS TEST	$15	$15
REGISTRATION FEE (non–refundable fee)	$100	$100
ANNUAL STUDENT ACTIVITY FEE	$20	$20
*TUITION & FEES	$6,225	$15,045

*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

- Welder
- Welder Fabricator
- TIG Welder
- MIG Welder
- Combination Welder

JOB OUTLOOK

FLORIDA COMMERCE

For information regarding **Welding Technology** 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 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 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

Follow us on:

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