



ROBERT MORGAN EDUCATIONAL CENTER & TECHNICAL COLLEGE

is accredited by the Commission of the Council on Occupational Education, 7840 Roswell Road, Building 300, Suite 325, Atlanta, GA 30350, Telephone: 770-396-3898 / FAX: 770-396-3790, www.council.org

OUR VISION, MISSION AND CORE VALUES

VISION: RMEC & TC's sails are set on a voyage towards achieving quality academic instruction, implementation of community leadership and lifelong learning for all students.

MISSION: RMEC & TC is committed to impart the knowledge and skills that will facilitate the acquisition of those qualities essential to successful global employment and a productive and prosperous life.

CORE VALUES: Accountability, Citizenship, Flexibility, Integrity, Organizational and Personal Learning, Positive Atmosphere and Culture, Preparing Students, Professionalism, Pursuit of Excellence, Respect, and Valuing Stakeholders.

WELDING TECHNOLOGY

A BRIGHT FUTURE THAT CONTINUES TO GROW YEAR AFTER YEAR



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M-DCPS does not discriminate on the basis of race, color, ethnic or national origin, religion, marital status, disability, genetic information, age, political beliefs, sexual orientation, gender, gender identity, social and family background, linguistic preference, pregnancy, citizenship status, FMLA or any other basis prohibited by law in its educational programs, services, activities, admissions or in its hiring and employment practices. Please refer to School Board Policies 1362, 1362.02, 3362, 3362.02, 4362, 4362.02, 5517 and 5517.02 for more information. For additional information about Title IX or any other discrimination/harassment concerns, contact the U.S. Department of Education Assistant Secretary for Civil Rights and/or: Executive Director/Title IX Coordinator, Office of Civil Rights Compliance, 155 NE 15 Street, Suite P-104E, Miami, Florida 33132; PH: 305-995-1580; E-mail: crc@dadeschools.net; Website: <http://hrdadeschools.net/civilrights>. The District also provides equal access to its facilities, as required by the Boy Scouts of America Equal Access Act.

- TEACHING THE BASICS
- UPGRADING SKILLS
- IMPROVING PERFORMANCE
- PROVIDING NEW CAREER OPTIONS

ROBERT MORGAN EDUCATIONAL CENTER & TECHNICAL COLLEGE

We provide the highest quality education so that all of our students are empowered to lead productive and fulfilling lives as lifelong learners and responsible citizens.



305.253.9920

ROBERTMORGANTECH.NET



RMECTC



@RMECTC

WELDING TECHNOLOGY

PROGRAM OBJECTIVE

The mission of the Welding Technology Program is to prepare students for employment in a variety of occupations in the welding industry.

PROGRAM CONTENT

This course includes specialized classroom and practical experience in the cutting and joining of metal parts through the application of intense heat, using gas and electric welding equipment. Applications include oxyacetylene welding (OAW), fusion and non-fusion welding, shield metal arc welding (GMAW).

The skills for cutting metal include OAW (flame cutting) equipment and plasma arc cutting equipment. Related skills include print reading and layout, metal identification and math. Content also includes use and care of hand tools, power tools, specialized tools and equipment, safe and effective work practices and use of current industry standards, practices and techniques. The course/program also provides supplemental training for persons previously or currently employed in these occupations.

**** Welding Technology is a core program. It is recommended that students successfully complete Welding Technology or demonstrate mastery of the outcomes in that program prior to enrollment in the Welding Technology - Advanced program.**

ADMISSION REQUIREMENTS

- ▶ 16 years of age or older and not currently enrolled in any K-12 program
- ▶ Create update profile information on Focus
- ▶ Occupational Interest
- ▶ Meet with a counselor
- ▶ No specific Information Technology requirement

COMPLETION REQUIREMENTS

The entire program is 1050 hours, but student can earn a certificate upon completion of the following OCPs:

OCP	COURSE	HOURS
A	Welder Assistant 1	150
A	Welder Assistant 2	150
B	Welder, SMAW 1	150
B	Welder, SMAW 2	150
C	Welder	450

Minimum basic-skills grade levels required for awarding a Full Program Completion Certificate are 9th grade in Math, Reading, and Language on the TABE® test, or passing of an Industry Certification. Additional information can be provided by student services.

Students are expected to complete program competencies.

EMPLOYMENT OPPORTUNITIES

- ▶ Aerospace Welders
- ▶ Combination Welder
- ▶ Construction Welder
- ▶ Marine Welder
- ▶ Robotic Welder
- ▶ Flame Cutter
- ▶ Tack Welder
- ▶ Production Line Welder

EMPLOYMENT REQUIREMENTS

Completion of a Technical program at an eligible institution is preferred.

SALARY

According to the 2020 Bureau of Labor Statistics the median pay for a welder, cutter, solderer or brazer was **\$44,190** annually or **\$21.45** per hour.

FINANCIAL AID

Financial aid is available to those who qualify. Applicants must have a high school diploma from an accredited High School, or its equivalent. To apply, complete the Free Application for Federal Student Aid, at **www.fafsa.gov**. Questions pertaining to this matter should be directed to the Financial Aid Office.

PROGRAM COST

- ▶ In-state residents - \$2.56 per hour (Subject to change)
- ▶ Out of state resident - \$10.25 per hour (Subject to change)
- ▶ \$15.00 application fee per trimester
- ▶ Material fee - Varies by program
- ▶ Identification fee - \$5.00 per trimester
- ▶ Liability insurance fee - Varies by program
- ▶ Students must purchase books/kits and/or uniforms, if applicable

PROGRAM HOURS

- ▶ Monday - Thursday from 5:00 p.m. to 11:00 p.m., and Friday from 5:15 p.m. to 8:30 p.m.
- ▶ Monday - Thursday from 9:00 a.m. to 3:00 p.m.