



Welding and Joining Technology eMAP

Classes listed in red transfer to Applied Technical Management (ATM) AAS Degree.

Diploma Core Courses: Required

These can be substituted for degree level courses based on Compass scores.

- MATH 1012: **Can be substituted for MATH 1101, or 1111**
- PSYC 1010: **Can be substituted for PSYC 1101**
- ENGL 1010: **Can be substituted for ENGL 1111**
- COMP 1500: **No substitution**

Occupational Courses: Required

- WELD 1000 Intro to Welding Technology
- WELD 1010 Oxyfuel and Plasma Cutting
- WELD 1030 Blueprint Reading for Welding Technology
- WELD 1040 Flat Shielded Metal Arc Welding
- WELD 1050 Horizontal Shielded Metal Arc Welding
- WELD 1060 Vertical Shielded Metal Arc Welding
- WELD 1070 Overhead Shielded Metal Arc Welding
- WELD 1090 Gas Metal Arc Welding
- WELD 1110 Gas Tungsten Arc Welding
- WELD 1120 Preparation for Industrial Qualification

Choose One of the following Program Electives: Required

- WELD 1150 Advanced Gas Tungsten Arc Welding
- WELD 1151 Fabrication Processes
- WELD 1152 Pipe Welding
- WELD 1153 Flux Cored Arc Welding
- WELD 1330 Metal Welding and Cutting Techniques
- **ACCT 1100 Financial Accounting I**
- **MGMT 1100 Principles of Management**
- **MKTG 1130 Business Regulations and Compliance**

Completion of: Core, Occupational and Elective courses receive a: **Diploma in Welding and Joining Technology**

Embedded Technical College Certificates (TCC) are awarded as you complete required courses.

Completion of: WELD 1000, 1010, 1152, 1153

Receive a: **Flux Cored Arc Welder TCC**

Completion of: WELD 1000, 1010, 1040

Receive a: **Basic Shielded Metal Arc Welder TCC**

Completion of: WELD 1000, 1010, 1090, 1030

Receive a: **Gas Metal Arc Welder TCC**

Completion of: WELD 1000, 1010, 1110, 1040

Receive a: **Gas Tungsten Arc Welder TCC**

Completion of: WELD 1050, 1060, 1070

Receive a: **Advanced Shielded Metal Arc Welder TCC**

Completion of: WELD 1050, 1060, 1040

Receive a: **Vertical Shielded Metal Arc Welder Fabricator TCC**

A Unit of the Technical College System of Georgia. Equal Opportunity Institution.



Welding and Joining Technology eMAP

- *Request transcript*
- *TAKE COMPASS TEST (placement test)*

If you need learning support in MATH, ENGLISH, or READING, Those must be taken before Diploma core can be taken.

Appalachian campus students

1ST SEMESTER CLASSES

- Take 3 occupational courses
- Take 1 core course

2ND SEMESTER CLASSES

- Take 3 occupational courses
- Take 1 core course

3RD SEMESTER CLASSES

- Take 2 occupational courses
- Take 1 core course

4TH SEMESTER CLASSES

- *Take 3 occupational*
- *Take 1 core course*
- **If transferring to ATM AAS fill out change of major form for following semester.**

This eMAP along with meeting regularly with your program advisor and using DegreeWorks will help you stay on track to finish your program as quickly as possible and graduate from CTC.

Paulding Campus Students

1ST SEMESTER CLASSES

- Take 3 occupational courses
- Take 1 core course

2ND SEMESTER CLASSES

- Take 2 occupational courses
- Take 1 core course

3RD SEMESTER CLASSES

- Take 3 occupational courses
- Take 1 core course

4TH SEMESTER CLASSES

- Take 3 occupational courses
- Take 1 core course
- **If transferring to ATM AAS fill out change of major form for following semester.**



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