

Welding Technology

Welding Technology Suggested Course Sequences

The following is the suggested plan for when to take each course to complete the Associate in Applied Science degree, based on the program requirements of the 2024-2025 catalog. This is only a recommendation — you may take courses in another order upon consultation with your advisor. This plan is based on you starting with college-level math and English courses, starting your program in the fall, and attending full-time. You can also follow this sequence if you attend part-time. Speak with your academic advisor about the plan and any questions. This program might also offer diplomas or certificates; visit the catalog or contact the program for details. Visit the Academic Advising page for instructions on locating your assigned advisor: <https://www.cpcc.edu/academics/academic-advising>

Term I		Credits
WLD 110	Cutting Processes	2.0
WLD 115	SMAW (Stick) Plate	5.0
WLD 121	GMAW (MIG) FCAW/Plate	4.0
WLD 131	GTAW (TIG) Plate	4.0
ENG 111	Writing and Inquiry	3.0
ACA 122	College Transfer Success	1.0
Credits		19
Term II		Credits
WLD 141	Symbols and Specifications	3.0
WLD 116	SMAW (stick) Plate/Pipe	4.0
WLD 122	GMAW (MIG) Plate/Pipe	3.0
WLD 132	GTAW (TIG) Plate/Pipe	3.0
MAT 110 or MAT 143	Mathematical Measurement and Literacy or Quantitative Literacy	3.0
You may have completed a program certificate(s). Confirm eligibility with your academic advisor.		
Credits		16
Term III		Credits
COM 110 or COM 231	Introduction to Communication or Public Speaking	3.0
Credits		3
Term IV		Credits
WLD 143	Welding Metallurgy	2.0
PFT 110	Introduction to Pipe Fitting	4.0
WLD 265 or WLD 270	Automated Welding/Cutting or Orbital Welding TIG/Pipe	4.0
WLD 151	Fabrication I	4.0
Humanities/Fine Arts		3.0
Credits		17
Term V		Credits
WLD 231	GTAW (TIG) Pipe	3.0
WLD 261	Certification Practices	2.0
Technical Elective		4.0
Behavioral/Social Science		3.0
You may have completed a program certificate(s). Confirm eligibility with your academic advisor.		
Credits		12
Total Credits		67