

WELDING TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

A Suggested Plan of Study

This roadmap assumes student placement in ENGL 1110G Composition I and demonstrates how to complete an Associate degree in two years.

The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change. Students are advised to earn a C or better in courses to avoid repeating courses and may consider completing General Education courses in the summer.

First Year

Fall		Credits
WELD 100	Structural Welding I	6
WELD 130	Introduction to GMAW MIG)	3
WELD 140	Introduction to GTAW TIG)	3
OETS 118		3
Credits		15

Spring

WELD 110	Blueprint Reading (Welding)	3
WELD 180	GTAW II	3
ENGL 1110G	Composition I	4
PSYC 1110G or SOCI 1110G	Introduction to Psychology or Introduction to Sociology	3
Credits		13

Summer

DRFT 109 or DRFT 114	Computer Drafting Fundamentals or Introduction to Solid Modeling	3
Credits		3

Second Year

Fall		Credits
WELD 120	Basic Metallurgy	3
WELD 125	Introduction to Pipe Welding	3
WELD 150	Pipe Welding II	3
ENGL 2210G	Professional and Technical Communication Honors	3
WELD 170	Welded Fabrication	3
Credits		15

Spring

WELD 211	Welder Qualification	6
WELD 190	Welded Art	3
AREA V: Humanities ¹		3
AREA VI: Creative and Fine Arts ¹		3
Credits		15
Total Credits		61

¹ See the General Education (<https://catalogs.nmsu.edu/grants/general-education/>) section for a full list.