

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
OETS 118	Mathematics for Technicians	3
WELD 1120	Print Reading for Welders	3
WELD 1130	SMAW (Shielded Metal Arc Welding) I	6
WELD 1155	GTAW-Gas Tungsten Arc Welding I	3
Credits		15

Spring

ENGL 1110G	Composition I	4
PSYC 1110G or SOCI 1110G	Introduction to Psychology or Introduction to Sociology	3
WELD 1140	GMAW-Gas Metal Arc Welding I	3
WELD 1310	Metallurgy	3
WELD 2155	GTAW-Gas Tungsten Arc Welding II	3
Credits		16

Second Year

Fall		Credits
DRFT 109 or DRFT 114	Computer Drafting Fundamentals or Introduction to Solid Modeling	3
ENGL 2210G or COMM 1115G	Professional and Technical Communication or Introduction to Communication	3
WELD 1191	Welded Art	3
WELD 1220	Pipe Welding I	3
AREA VI: Creative and Fine Arts ¹		3
Credits		15

Spring

WELD 1171	Layout and Fabrication	3
WELD 2220	Pipe Welding II	3
WELD 2290	Welder Qualifications	6
AREA V: Humanities ¹		3
Credits		15
Total Credits		61

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