

WESTERN NEW MEXICO UNIVERSITY
Degree Plan - AAS in Welding Technology (0012)
Department of Applied Technology

Student Name: _____

Address _____

ID#: _____

Email: _____

Telephone: _____

Catalog Author: _____

Expected Completion: _____

Advisor: _____

Deadline for Application for Graduation; June 1st for Fall; September 1st for Spring; February 1st for Summer.

GENERAL EDUCATION REQUIREMENTS (15)

Fixed 12: At least 12 credit hours of courses from four of the following six content areas PLUS 3 credits Flex Hours:

Applied Liberal Arts and Sciences (3)

ALAS 1810 HUM, ALAS 1820 Soc/Behav Sciences or ALAS 1830 STEM Course: _____ (3) _____

Area I - Communications (3) ¹ **ENGL 1110 Pre-requisite/Co-req**

ENGL 1120 Composition II ¹

COMM 1130 Public Speaking

COMM 1140 Intro to Media Writing

COMM 2140 Small Group Communication

Course: _____ (3) _____

Area II - Mathematics (3) ² **BCIS 1110 is Pre-requisite/Co-req**

MATH 1010 Mathematics for School Teachers

MATH 1130 Survey of Mathematics ²

MATH 1220 College Algebra ²

MATH 1350 Introduction to Statistics ²

MATH 1510 Calculus I ²

Course: _____ () _____

Area III - Science (4)

Pick **one** course (plus lab) from the following:

BIOL 1110/1110L General Biology & Lab

BIOL 1140/1140L5 Biology for Health Sciences & Lab

BIOL 2110/2110L Principles of Biology: Cell/Molecular & Lab

BIOL 2210/2210L Human Anatomy & Physiology I & Lab

BIOL 2642/2642L Plant Form, Function and Diversity & Lab

BIOL 2644/2644L Animal Form, Function and Diversity & Lab

CHEM 1120/1120L Intro to Chemistry & Lab

CHEM 1215/1215L General Chemistry I for STEM Majors & Lab

GEOL 1110/1110L Physical Geology & Lab

GEOL 1120/1120L Environmental Geology & Lab

GEOL 2110/2110L Historical Geology & Lab

PHSC 1120/1120L Forensic Science I & Lab

Course: _____ (4) _____

Area IV - Social and Behavioral Sciences (3)

ANTH 1140 Intro to Cultural Anthropology

ECON 1110 Survey of Economics

ECON 2110 Macroeconomic Principles

ECON 2120 Microeconomic Principles

GEOG 1120 World Regional Geography

GEOG 1130 Human Geography

POLS 1110 Intro to Political Science

POLS 1120 American National Government

PSYC 1110 Intro to Psychology

SOCI 1110 Intro to Sociology

SOCI 2310 Contemporary Social Problems

Course: _____ (3) _____

Area V - Humanities (3)

ENGL 1410 Intro to Literature

ENGL 2310 Intro to Creative Writing

HIST 1110 United States History I

HIST 1120 United States History II

HIST 1150 Western Civilization I

HIST 1160 Western Civilization II

PHIL 1115 Intro to Philosophy

Course: _____ (3) _____

Area VI - Creative & Fine Arts (3-4)

ARTS 1250 Design II

ARTS 1410 Intro to Photography

ARTS 1610 Drawing I

ARTS 1630 Painting I

ARTS 2321 Appreciation of Clay

ARTS 2841 Appreciation of Sculpture

MUSC 1130 Music Appreciation

Course: _____ () _____

Welding Core Requirements (62 credit hours)

Course(Credits)	Sem/Year	Grade	Course(Credits)	Sem/Year	Grade
WLDT 105 Oxyacetylene Weldng (2)	_____	_____	WLDT 202 SMAW II Grv Opn V-B (3)	_____	_____
WLDT 120 Genl Welding Applic (3)	_____	_____	WLDT 204 SMAW II Opn Rt Pipe S (2)	_____	_____
WLDT 122 Safty/Hand & Pwr Tr (2)	_____	_____	WLDT 206 Mech Prop Low All St I (3)	_____	_____
WLDT 131 Metal Cutting Process (2)	_____	_____	WLDT 208 GTAW Alum Plate/Pipe (3)	_____	_____
WLDT 140 Rigging & Metal Prop (3)	_____	_____	WLDT 210 GMAW Alum Plat/Pipe (3)	_____	_____
WLDT 155 Shield Metal Arc Wld (3)	_____	_____	WLDT 212 GMAW Plate & Pipe (4)	_____	_____
WLDT 157 Shield Metal Arc Wld (3)	_____	_____	WLDT 255 Carbon & Stnls Stl Pipe (5)	_____	_____
WLDT 158 SMAW I Grv Opn V-I (4)	_____	_____	WLDT 257 Mech Prop Low All St II (2)	_____	_____
WLDT 162 SMAW I Opn Rt Pipe (4)	_____	_____	WLDT 260 FCAW Plate & Pipe (4)	_____	_____
WLDT 166 Tig Welding (3)	_____	_____	WLDT 265 GTAW Al Plt & Pipe II (2)	_____	_____
			WLDT 267 GMAW Al Plt & Pipe II (2)	_____	_____

Note: Please see Dept. Advisor about Industry and NCCER certifications

Total Credit Hours (minimum of 77 required) _____

Original completed on (date): _____ **Conv to Registrar on (date):** _____

Student Signature: _____ **date:** _____

Advisor Signature: _____ **date:** _____