

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

Student Name: \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 Catalog Author: \_\_\_\_\_  
 Expected Completion: \_\_\_\_\_

ID#: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 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) \_\_\_\_\_

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Area I - Communications (3)</b>	<sup>1</sup> ENGL 1110 Pre-requisite/Co-req	
ENGL 1120 Composition II <sup>1</sup>		
COMM 1130 Public Speaking		
COMM 1140 Intro to Media Writing		
COMM 2140 Small Group Communication		
Course: _____	(3) _____	_____

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Area II - Mathematics (3)</b>	<sup>2</sup> BCIS 1110 is Pre-requisite/Co-req	
MATH 1010 Mathematics for School Teachers		
MATH 1130 Survey of Mathematics <sup>2</sup>		
MATH 1220 College Algebra <sup>2</sup>		
MATH 1350 Introduction to Statistics <sup>2</sup>		
MATH 1510 Calculus I <sup>2</sup>		
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) \_\_\_\_\_

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<b>Area IV - Social and Behavioral Sciences (3)</b>		
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)**

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
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)**

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
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)**

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
WLDT 105 Oxyacetylene Weldng (2)	_____	_____	WLDT 202 SMAW II Grv Opn V-Bi (3)	_____	_____
WLDT 120 Genl Welding Applic (3)	_____	_____	WLDT 204 SMAW II Opn Rt Pipe S (2)	_____	_____
WLDT 122 Safty/Hand & Pwr Tor (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: \_\_\_\_\_