

WESTERN NEW MEXICO UNIVERSITY
Degree Plan - Associate of Applied Science in Industrial Maintenance (5315)
Department of Applied Technology

Student Name: _____	ID#: _____
Address: _____	Email: _____
	Telephone: _____
Catalog Authority _____	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>
Area I - Communications (3)	¹ ENGL 1110 Pre-requisite/Co-req	

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

ENGL 1120 Composition II¹
 COMM 1130 Public Speaking
 COMM 1140 Intro to Media Writing
 COMM 2140 Small Group Communication
 Course: _____ (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 II - Mathematics (3) ² BCIS 1110 is Pre-requisite/Co-req

MATH 1010 Mathematics for School Teachers
 MATH 1130 Survey of Mathematics²
 MATH 1220 College Algebra²
 MATH 1350 Introduction to Statistics²
 MATH 1510 Calculus I²
 Course: _____ () _____

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 I
 PHIL 1115 Intro to Philosophy
 Course: _____ (3) _____

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 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: _____ () _____

Industrial Maintenance Core Requirements (57 hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
IMP 100 Orientation Ind Maint	(2)		IMP 235 Belt/Chain Drive Oper	(2)	
IMP 105 Gaskets & Packing	(2)		IMP 250 Hydraul Sys/Flow/Levl	(2)	
IMP 110 Craft Related Math	(2)		IMP 255 Pneumatic Systm/Equip	(2)	
IMP 115 Construction Drawings	(2)		IMP 260 Vibration Analysis	(2)	
IMP 120 Intro Valve/Pump/Drvr	(2)		IMP 265 Electronic Theory	(2)	
IMP 150 Matrl Hnd/Supp Eq/Lub	(3)		IMP 281 Internship	(3)	
IMP 160 Qual Cntrl/Compliance	(3)		WLDT 155 Shield Metal Arc Wld	(3)	
IMP 175 Distribution Equipment	(2)		ELT 127 Intr A/C, Motor Th, NEC	(3)	
IMP 200 Intro to Bearings	(3)		ELT 128 Bending/Cable Tray/Con	(4)	
IMP 210 Pipe Compositions	(2)		ELT 235 Cond Load Calc & Overcu	(3)	
IMP 225 Inst Coupling/Mech Seal	(2)		ELT 237 Mtr Operation & Controls	(4)	
IMP 230 Pump Operation	(2)				

Total Credit Hours (minimum of 72 required): _____

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

Student Signature: _____ **date:** _____

Advisor Signature: _____ **date:** _____