

WESTERN NEW MEXICO UNIVERSITY
Degree Plan - Associate of Applied Science in Electrical Technology (5308)
Department of Applied Technology

Student Name: _____	ID#: _____
Address _____	Email: _____
_____	Telephone: _____
Catalog Authority: _____	Advisor: _____
Expected Completion: _____	

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>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
<u>Area I - Communications (6)</u>			<u>Area IV - Social and Behavioral Sciences (3)</u>		
¹ ENGL 1110 Pre-requisite/Co-req			ANTH 1140 Intro to Cultural Anthropology		
ENGL 1120 Composition II ¹			ECON 1110 Survey of Economics		
COMM 1130 Public Speaking			ECON 2110 Macroeconomic Principles		
COMM 1140 Intro to Media Writing			ECON 2120 Microeconomic Principles		
COMM 2140 Small Group Communication			GEOG 1120 World Regional Geography		
Course: _____ (3) _____			GEOG 1130 Human Geography		
Course: _____ (3) _____			POLS 1110 Intro to Political Science		
<u>Area II - Mathematics (3)</u>			POLS 1120 American National Government		
² BCIS 1110 is Pre-requisite/Co-req			PSYC 1110 Intro to Psychology		
MATH 1010 Mathematics for School Teachers			SOC 1110 Intro to Sociology		
MATH 1130 Survey of Mathematics ²			SOC 2310 Contemporary Social Problems		
MATH 1220 College Algebra ²			Course: _____ (3) _____		
MATH 1350 Introduction to Statistics ²			<u>Area V - Humanities (3)</u>		
MATH 1510 Calculus I ²			ENGL 1410 Intro to Literature		
Course: _____ () _____			ENGL 2310 Intro to Creative Writing		

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: _____ () _____

Electrical Technology Core Requirements (56 hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
ELT 121 Basic Elec Constr Math	(3)	_____	ELT 230 Welding Machine:	(4)	_____
ELT 123 Basic Elec Tools/Safety	(3)	_____	ELT 235 Cond Load Calc & Overcurr	(3)	_____
ELT 124 Intro NEC Safety/Plan:	(3)	_____	ELT 236 Distr, Sys, Raceways, Ballst	(3)	_____
ELT 125 Elec Thry/Bluprnt/Conc	(3)	_____	ELT 237 Mtr Operation & Controls	(4)	_____
ELT 126 Elec Appl/Wiring Methd	(4)	_____	ELT 239 Electr Thry & Wiring Mtr	(3)	_____
ELT 127 Intr A/C, Motor Th, NEC	(3)	_____	ELT 241 Commrc'l & Res Load Calc	(3)	_____
ELT 128 Bending/Cable Tray/Con	(4)	_____	ELT 242 Adv Motor Ctrls & Lightng	(3)	_____
ELT 129 Conductor Term & Grnc	(3)	_____	ELT 243 Intro Emerg Sys & High Vol	(3)	_____
ELT 130 Electrical Svc Installation	(4)	_____			

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

Total Credit Hours (minimum of 71 required): _____

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

Student Signature: _____ **date:** _____

Advisor Signature: _____ **date:** _____