



DEGREE SHEET / 2023-2024 CATALOG		
Student name:		
Eagle ID:		
Eagle Email:		
Phone:		
<p>Associate of Applied Sciences Technical Trades (Electrical Technology)</p>		
GENERAL EDUCATION REQUIREMENTS (16 Credits)	SEMESTER	GRADE
AREA I: COMMUNICATIONS (6 Credits)		
ENG 1110 Composition I (3) <i>Pre-requisites: ENG 109 or adequate score on the Course Placement Evaluation</i> COMM 1130 Public Speaking (3) <i>Pre-requisites: ENG 109 or adequate score on the Course Placement Evaluation</i>		
AREA III: LABORATORY SCIENCES (4 Credits)		
<i>You must select one science course with a lab</i>		
ENGR 1101/L An Introduction to Computational Science & Modeling Lab (4) <i>Pre-Requisite: None</i>		
AREA IV: SOCIAL/BEHAVIORAL SCIENCES (3 Credits)		
<i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>		
<i>You must select one Area IV course.</i>		
Area IV Course (3)		
AREA V: HUMANITIES (3 Credits) or AREA VI: FINE ARTS (3 Credits)		
<i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>		
<i>You must select one Area V course.</i>		
Area V or Area VI Course (3)		
SUPPORT AREA (15 Credits)		
<i>NON-TRANSFER OPTION (All courses below)</i>		
ENVS 2130 Critical Thinking in Science (3) <i>Pre-Requisite: None</i>		
MATH 1170 Applied Trades Math (3) <i>Pre-Requisite: None</i>		
BCIS 2220 Microsoft Word (3) <i>Pre-Requisite: None</i>		

BCIS 2215 Excel (3) <i>Pre-Requisite: None</i>		
BA 1110 Introduction to Business (3) <i>Pre-Requisite: ENG 109</i>		
<i>TRANSFER OPTION (For students who are interested to transfer to the NNMC Electro-Mechanical Engineering Technology Program)</i>		
Electives from EET/MET/EECE/IT/EMET (15 credits)		
PROGRAM REQUIREMENTS (29 Credits)		
PLBT 1000 OSHA 10 for the Construction Industry (1) <i>Pre-requisite: None</i>		
ELEC 1140 Electrical Theory I (4) <i>Pre-requisite: None</i>		
ELEC 1141 Electrical Code I (2) <i>Pre-requisite: None</i>		
ELEC 1143L Electrical Industrial Applications I (3) <i>Pre-requisite: None</i>		
ELEC 1150 Electrical Theory II (4) <i>Pre-requisite: ELEC 140 Electrical Theory I</i>		
ELEC 1151 Electrical Code II (3) <i>Pre-requisite: ELEC 141 Electrical Code I</i>		
ELEC 1153L Electrical Industrial Applications Lab II (3) <i>Pre-requisite: None</i>		
ELEC 2240 Transformers (1) <i>Pre-requisite: ELEC 150 Electrical Theory II</i>		
ELEC 2241 Power Quality and Distributed Generation (2) <i>Pre-requisite: ELEC 150 Electrical Theory II</i>		
ELEC 2250 Digital Electronics (2) <i>Pre-requisite: ELEC 140 Electrical Theory I</i>		
ELEC 2260 Motor Theory (2) <i>Co-requisite: ELEC 260L</i> <i>Pre-requisite: ELEC 150 Electrical Theory II</i>		
ELEC 2260L Motor Controls Lab (2) <i>Co-requisite: ELEC 260</i> <i>Pre-requisite: ELEC 150 Electrical Theory II</i>		
TOTAL CREDITS 60		
ADVISOR APPROVAL	DATE	

SUGGESTED SEQUENCE OF COURSES

FIRST SEMESTER (13 Credits)

PLBT 1000 OSHA 10 for the Construction Industry (1)
ELEC 1140 Electrical Theory I (4)
ELEC 1141 Electrical Code I (2)
ELEC 1143L Electrical Industrial Applications Lab I (3)
MATH 1170 Applied Trades Math (3) OR EET/MET/EECE/IT/EMET(3)

SECOND SEMESTER (16 Credits)

ES 2130 Critical Thinking in Science (3) OR EET/MET/EECE/IT/EMET(3)
ENGL 1110 Composition I (3)
ELEC 1153L Electrical Industrial Applications Lab II (3)
ELEC 1150 Electrical Theory II (4)
ELEC 1151 Electrical Code II (3)

THIRD SEMESTER (15 Credits)

ENGR 1101/L An Introduction to Computational Science & Modeling Lab (4)
ELEC 2240 Transformers (1)
ELEC 2241 Power Quality and Distributed Generation (2)
ELEC 2250 Digital Electronics (2)
BCIS 2220 Microsoft Word (3) OR EET/MET/EECE/IT/EMET(3)
BCIS 2215 Excel (3) OR EET/MET/EECE/IT/EMET(3)

FOURTH SEMESTER (16 Credits)

ELEC 2260 Motor Theory (2)
ELEC 2260L Motor Controls Lab (2)
HUM/FA Elective (3)
BA 1110 Introduction to Business (3) OR EET/MET/EECE/IT/EMET(3)
SBS Elective (3)
COMM 1130 Public Speaking (3)