UTILITY TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE (AAS) DEGREE

DESCRIPTION: This Associate Degree program familiarizes students with utility industry tools, construction techniques, electrical theory, and equipment. Graduates meet the utility industry's need for trained, entry-level employees. It is the only Associate Degree program offered in Michigan designed specifically to prepare men and women to install and repair business and residential electrical, telephone, and CATV transmission systems.

GENERAL EDUCAT ENG 120 or ENG 111	TION REQUIREMENTS APPLIED COMMUNICATION (3/3) ENGLISH COMPOSITION I (3/3)			
ENG 123 <i>or</i> ENG 112	TECHNICAL COMMUNICATION (3/3) or ENGLISH COMPOSITION II (3/3)			
MTH 110 or higher TECHNICAL MATH I (3/4)				
PLS 221 or PLS 222 or HST 221 & HST 2	AMERICAN GOVERNMENT REQUIREMENT (3/3)			
SPE 123 <i>or</i> SPE 121	Public Communication (3/3) or Speech Communication (3/3)			
CORE PROGRAM F APP 100E APP 104E	REQUIREMENTS ELECTRICAL STUDIES FOR TRA AC/DC FUNDAMENTALS (3/4)			
APP 107E or CNS 151	SPECIALTY WIRING (3/4) A or NETWORK COMMUNICATION CABLING (3/4)			
APP 106M EPT 230 PEH 263	INDUSTRIAL SAFETY (1/1) A POLY-PHASE METERING (2/3) A WORKPLACE FIRST AID/CPR/AED (1/1)			
IND 120 <i>or</i> CIS 120	INDUSTRIAL COMPUTERS & NETWORKING (3/4) or INTRODUCTION TO MICROCOMPUTERS (3/4)			
SDE 201 UTT 101 UTT 102 UTT 103 UTT 110 UTT 111 UTT 202 UTT 203 UTT 204 UTT 206 UTT 208 UTT 210 UTT 211 MINIMUM 62 CREE	CLIMBING ELEVATED WORK S OVERHEAD CONSTRUCTION (1 LINE MECHANICS LAB I (6/10.: LINE WORKER PHYSICAL FITNE TRANSFORMER FUNDAMENTAL UNDERGROUND CONSTRUCTIC SYSTEM DESIGN & OPERATION EQUIPMENT/VEHICLE OPERAT CLIMBING & WORKING IN ELEVATED UTILITY/LINE MECHANIC LAB (LINE WORKER PHYSICAL FITNE	ODUCTION TO THE UTILITY INDUSTRY (1/1) A BING ELEVATED WORK SITES (1/1) A RHEAD CONSTRUCTION (1/1) A MECHANICS LAB I (6/10.5) WORKER PHYSICAL FITNESS I (2/3) A SEFORMER FUNDAMENTALS (2/3) A SERGROUND CONSTRUCTION (2/2) A SEM DESIGN & OPERATIONS (4/4) A SEMENT/VEHICLE OPERATIONS (2/3) A SEMENT/VEHICLE OPERATIONS (2/3) A SEMENT & WORKING IN ELEVATED WORK SITES (2/2) A SITY/LINE MECHANIC LAB (5/9) A WORKER PHYSICAL FITNESS II (2/3)		
MINIMUM 62 CREDIT HOURS/80.5 CONTACT HOURS				

Notes

^A Included in occupational specialty.

GPA of 2.0 or higher must be maintained in occupational specialty courses

Students must be able to climb 40-foot power poles to successfully complete the first semester. Each student is expected to have: hard hat, lineman belt, safety strap and climbers, rain wear, safety glasses, various hand tools required by the trade, and work shoes for an approximate cost of \$1,800.

UTILITY TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE (AAS) DEGREE SUGGESTED SEQUENCE OF COURSES

YEAR 1 (FALL SEM APP 100E	IESTER) ELECTRICAL STUDIES FOR TI	CREDITS: 17 RADES (3/4)	
APP 107E <i>or</i> CNS 151	SPECIALTY WIRING (3/4) or NETWORK COMMUNICATION	Cabling (3/4)	
ENG 120 <i>or</i> ENG 111	APPLIED COMMUNICATION (3/3) or ENGLISH COMPOSITION I (3/3)		
IND 120 <i>or</i> CIS 120	NDUSTRIAL COMPUTERS & NETWORKING (3/4) or NTRODUCTION TO MICROCOMPUTERS (3/4)		
MTH 110 or higher Technical Math I (3/4)			
UTT 206	EQUIPMENT/VEHICLE OPERA	TIONS (2/3)	
YEAR 1 (SPRING S APP 104E	EMESTER) AC/DC FUNDAMENTALS (3/4	CREDITS: 15	
ENG 123 <i>or</i> ENG 112	TECHNICAL COMMUNICATION ENGLISH COMPOSITION II (3)		
EPT 230 PEH 263	POLY-PHASE METERING (2/3) WORKPLACE FIRST AID/CPR/AED (1/1)		
PLS 221 or PLS 222 or HST 221 & HST 2	AMERICAN GOVERNMENT REQUIREMENT (3-6/3-6)		
SPE 123 or SPE 121	Public Communication (3/ Speech Communication (3		
YEAR 2 (FALL SEM APP 106M SDE 201 UTT 101 UTT 102 UTT 103 UTT 110 UTT 111 UTT 203	INDUSTRIAL SAFETY (1/1) JOB SEARCH STRATEGIES (1 INTRODUCTION TO THE UTILIT CLIMBING ELEVATED WORK OVERHEAD CONSTRUCTION LINE MECHANICS LAB I (6/10 LINE WORKER PHYSICAL FITE UNDERGROUND CONSTRUCT	Y INDUSTRY (1/1) SITES (1/1) (1/1) 0.5) NESS I (2/3)	
YEAR 2 (SPRING S UTT 202 UTT 204 UTT 208 UTT 210 UTT 211	EMESTER) TRANSFORMER FUNDAMENT, SYSTEM DESIGN & OPERATION CLIMBING & WORKING IN ELEVATED UTILITY/LINE MECHANIC LAB LINE WORKER PHYSICAL FITI	ONS (4/4) D Work Sites (2/2) (5/9)	

Last edited: 6/2021