



ASSOCIATE OF APPLIED SCIENCE

**ELECTRIC POWER UTILITY TECHNOLOGY\*  
LINE WORKER TECHNICIAN MAJOR**

*The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.*

2022-23 Catalog

Effective Summer 2022

**4551**

Business, Engineering, and Information Technologies Division

Engineering Technology Department

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
EST230	Electrical Circuits and Devices <sup>^</sup>	4	(MTH025 or Proficiency) or MTH107	
IET121	Industrial Management Concepts	2		
EST129	Switchgear, Transformers and Controls	2	EET122 or EST230	
EST235	Power Generation and Grid Technology	3	EST230	
EUT121	Overhead Line Technology I	5		
EUT122	Overhead Line Technology II	5	EUT121	
EUT221	Overhead Line Technology III	5	EUT122	
EUT222	Overhead Line Technology IV	5	EUT221	
<b>Total</b>		<b>31</b>		
NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar <sup>^^</sup>	1	<i>Take first semester</i>	
PSY124	Industrial/Organizational Psychology	3		
ITD122	Computer Applications for Professionals <sup>^</sup>	3	ITD100 or Proficiency	
MTH107	Industrial Math <sup>^</sup>	3	(MTH021 or Proficiency) or Pre-Co-MTH007	
PHY101	Principles of Physics (lab) <sup>^</sup>	4	(MTH024 or MTH025 or Proficiency) or MTH105 or MTH107 and (IDS102 or Proficiency)	
BUS122	Basic Economics <sup>^</sup>	3	IDS102 or Proficiency	
PHL122	Ethics	3		
ENG124	College Composition <sup>^</sup>	3	Co-ENG024 or Co-ENG011 or Proficiency	
ENG221	Technical Report Writing	3	ENG124	
COM122	Interpersonal Communication <sup>^</sup>	3	IDS102 or Proficiency	
FIN110	Personal Finance	2		
<b>Total</b>		<b>31</b>		
<b>TOTAL CREDIT HOURS</b>		<b>62</b>		

\* NOTE: Initial enrollment and continued participation in this program is at the sole discretion of The FirstEnergy Corp of Akron, Ohio.

<sup>^</sup>Based on SSC placement scores.

<sup>^^</sup>To promote student success, this course should be taken in the first semester.

FULL-TIME STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

Course Sequence

The semester-by-semester listing below provides the normal scheduling option for full-time associate degree students who plan to finish in two years.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
ITD122	Computer Applications for Professionals^	3	ITD100 <b>or</b> Proficiency
ENG124	College Composition^	3	Co-ENG024 <b>or</b> Co-ENG011 <b>or</b> Proficiency
EUT121	Overhead Line Technology I	5	
MTH107	Industrial Math^	<u>3</u>	(MTH021 or Proficiency) or Pre-Co-MTH007
		<b>15</b>	
<u>Second Semester</u>			
EST230	Electrical Circuits and Devices^	4	(MTH025 or Proficiency) <b>or</b> MTH107
PSY124	Industrial/Organizational Psychology	3	
PHL122	Ethics	3	
COM122	Interpersonal Communication^	3	IDS102 <b>or</b> Proficiency
EUT122	Overhead Line Technology II	<u>5</u>	EUT121
		<b>18</b>	
<u>Third Semester</u>			
PHY101	Principles of Physics (lab)^	4	(MTH024 <b>or</b> MTH025 <b>or</b> Proficiency) <b>or</b> MTH105 <b>or</b> MTH107 <b>and</b> (IDS102 <b>or</b> Proficiency)
BUS122	Basic Economics^	3	IDS102 <b>or</b> Proficiency
EST235	Power Generation and Grid Technology	3	EST230
EUT221	Overhead Line Technology III	<u>5</u>	EUT122
		<b>15</b>	
<u>Fourth Semester</u>			
FIN110	Personal Finance	2	
ENG221	Technical Report Writing	3	ENG124
IET121	Industrial Management Concepts	2	
EST129	Switchgear, Transformers and Controls	2	EET122 <b>or</b> EST230
EUT222	Overhead Line Technology IV	<u>5</u>	EUT221
		<b>14</b>	
	<b>TOTAL CREDITS</b>	<b>62</b>	

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^^To promote student success, this course should be taken in the first semester.