

Associate of Applied Science Degree Engineering Technologies

Applied Electric Utility Technology (9429)

This program is offered in partnership with the FirstEnergy Power Systems Institute. The course of study will prepare students for employment within a variety of electrical fields, with emphasis in the line and substation utility areas. Admission to the program is through the FirstEnergy Power Systems Institute and Department Chair.

First Semester:

AEUT 1000	Applied Electric Utility Technology I	6
ENGL 1110*	English Composition I (A)	3
OR		
ENGL 1111	English Composition I (B)	
HUMX 1100	Introduction to Humanities	3
MATH 1001	Introduction to Technical Mathematics	4
MECT 1000	Introduction to Technology	2

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Second Semester:

AEUT 1100	Applied Electric Utility Technology II	6
ELEC 1100	Electrical Circuits I	3
ENGL 1121	English Composition II - Technical Focus	3
MATH 1101	Technical Mathematics I	4

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Third Semester:

AEUT 1200	Applied Electric Utility Technology III	6
ELEC 1200	Electrical Circuits II	3
ELEC 2810	Current Local and National Electrical Codes	3
PHYS 1100	Applied Physics I	3
SPCH 1100	Effective Interpersonal Communications	3

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Fourth Semester:

AEUT 1300	Applied Electric Utility Technology IV	6
ECON 1150	Basic Economics	3
ELEC 2700	Electric Motors, Generators and Control	4
PHYS 2100	Applied Physics III	2

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Program Total: 67

**English course selection is based on placement test results (ENGL 1111 is 4 credits, only 3 credits apply to this degree).*