Electrical Utility Technology

Diploma Program
EU14

Curriculum

Basic Skills – Total of 11 Hours
- ENGL 1010 Fundamentals of English I (3)
- EMPL 1000 Interpersonal Relations (2)
- MATH 1013 Algebraic Concepts (3)
- MATH 1015 Geometry & Trigonometry (3)

Program-Specific Core – Total of 39 Hours
- COMP 1000 Introduction to Computers (3)
- IDFC 1011 Direct Current I (3) - OR -
  IDSY 1101 DC Circuit Analysis (3)
- ELTR 1020 Electrical Systems Basics I (3) - OR -
  IDFC 1012 Alternating Current I (3) - OR -
  IDSY 1105 AC Circuit Analysis (3)
- ELUT 1101 Intro to Electrical Utility Indus (3)
- ELUT 1102 Fund. Power Alt Current (5)
- ELUT 1103 Network Communications (4) - OR -
  CIST 1401 Comp Networking Fundamentals (4)
- ELUT 1114 Electrical Substations (5)
- ELUT 1105 Intro to Distrib. Engineering (5)
- ELUT 1106 Introduction to Metering (3)
- ELUT 1107 Power Plants (5)

Occupational-Related Electives – Choose 9 Hours
- DFTG 1101 CAD Fundamentals (4)
- DFTG 1103 Multiview/Basic Dimensioning (4)
- DFTG 1105 3D Mechanical Drawing (4)
- DFTG 2010 Engineering Graphics (4)
- DFTG 2020 Visualization & Graphics (3)
- ELCR 1030 Solid State Devices (5)
- ELCR 1040 Digital/Microprocessor Fund. (5)
- ELCR 1060 Linear Integrated Circuits (3)
- ELUT 1120 Electrical Line Worker (16)
- ELUT 1211 Electrical Line Worker (16)
- IDFC 1007 Industrial Safety Procedures (2)
- IDSY 1103 Print Reading/Problem Solving (3)
- IDSY 1110 Industrial Motor Controls (4)
- MCHT 1011 Intro to Machine Tool (4)
- WELD 1000 Intro to Welding Technology (3)

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website:
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Program Description
The Electrical Utility Technology diploma program is a sequence of courses designed to meet the needs of the student who is interested in attaining entry-level knowledge and skills necessary to work in the electrical utility field. The program also provides the student with an avenue to pursue opportunities in other areas of the utility industry. Learning opportunities develop academic, technical, and professional knowledge, work ethics, and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of electrical utility theory, work ethics, and practical application necessary for successful employment.

Program Specific Information
Students are accepted every semester based on course and space availability.

Additional Entrance Requirements
Prospective students must complete a live interview with the Program Director.

Program Length & Availability
6 Semesters
Campus Availability: Oakwood

Admissions Requirements
• Must be 18 years of age.
• High school diploma or GED is required prior to admission.
  *(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)*
• ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid
This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

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