



Associates in Science in Engineering Technology - Renewable Energy Technology Concentration

Program Description

Through this partnership program, IBEW members will earn an Associates in Science in Engineering Technology with a concentration in Renewable Energy Technology. Graduates of both the Installer/Technician and Inside Wireman Apprenticeship Training Programs will earn **34 credits** in transfer. The balance of 36 credits of general education and technical courses will be delivered to members over 2 years. Graduates may continue their education at BFIT at the completion of this Associate Degree. Possible program of study include a Bachelor's in Engineering Technology in areas such as Renewable Energy and Environmental Engineering.

Eligibility

Applicants must have completed the second year of the Apprenticeship Training at IBEW. Exception can be made with the Training Director's letter of recommendation.

Application Requirements:

- Online application
- Official high School/GED or HiSET transcript
- Official transcript(s) from any college(s) if applicable
- Copy of Union Membership card
- Copy of Certificate of Completion of Apprenticeship Training/Letter from the Union

Course Details:

- Course Length – 7 Weeks
- Program Length – 5 Terms

Curriculum Requirements:

<u>Year I - Terms 1&2</u> MA120 - Algebra and Trigonometry (3) EN130 - College Composition I (3)	<u>Year I - Terms 3&4</u> EE131 - Digital Principles (4) ME130 - Introduction to Alternative Energy Systems (3)	<u>Year I - Terms 5&6</u> EN140 - College Composition II (3) EN320 - Technical Communications (3)
<u>Year II - Term 1&2</u> ME215 - Wind Turbine Technology (4) EE320 - Introduction to PLCs (4)	<u>Year II - Term 3&4</u> ME260 - Modeling Renewable Energy (3) TS301 - Environmental Science (3) CM220 - Sustainable Building Technologies (3)	

**Degree Total: 70 credits
 (34 transfer)**