Emerging Energy Certificate
Fall 2020

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Related Foundational Studies or Graduate Goal</th>
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<tbody>
<tr>
<td>Understand the fundamentals of circuit design, CAD, and PLCs used in energy field.</td>
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<tr>
<td>Know guidelines of communication for FCC General Radiotelephone Operator License.</td>
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</tbody>
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**Foundational Studies Learning Goals**

FS1. Solve problems.
FS2. Evaluate ideas.
FS3. Learn and apply knowledge and skills.
FS4. Demonstrate appreciation for the arts.
FS5. Embrace civic duty.
FS6. Understand diversity.
FS7. Act as a global citizen.
FS8. Behave ethically.
FS9. Cultivate wellness.
FS10. Communicate effectively.

G1. Demonstrate professional communication proficiencies.
G2. Engage in and meaningfully contribute to diverse and complex communities and professional environments.
G3. Recognize and act on professional and ethical challenges that arise in their field or discipline.
G4. Achieve mastery of the knowledge required in their discipline or profession.

G5. Achieve mastery of the skills (including using appropriate tools) required in their discipline or profession.