### Developmental Education Courses (if required)

- □ EAP-018 Intensive Academic English
- □ MAT-020 Basics of College Math
- □ EAP-050/060 EAP Reading I and Writing I

### Program: EUT.AAS Electric Utility Technology AAS (63 credits) 
**Division: STEM**

| Student | ID#: | Catalog Year: 2020-21 |

### SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS
Courses are listed in preferred order of completion. Plans may be modified by adding more semesters.

#### FALL SEMESTER I

<table>
<thead>
<tr>
<th>√ Course#</th>
<th>Course Name</th>
<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS-103*</td>
<td>College Success Strategies</td>
<td>3</td>
<td></td>
<td>All &amp; OL</td>
</tr>
<tr>
<td>MAT-110</td>
<td>Intermediate Algebra</td>
<td>3</td>
<td>MAT-110</td>
<td>All &amp; OL</td>
</tr>
<tr>
<td>IFT-110</td>
<td>Microcomputer Applications</td>
<td>3</td>
<td>MAT-020</td>
<td>All &amp; OL</td>
</tr>
</tbody>
</table>

#### SPRING SEMESTER I

<table>
<thead>
<tr>
<th>√ Course#</th>
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<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUT-110</td>
<td>Electrical Systems &amp; Control Wiring</td>
<td>4</td>
<td>EUT-100, MAT-110</td>
<td>Spring</td>
</tr>
<tr>
<td>COM – 121</td>
<td>English Composition</td>
<td>3</td>
<td>COM 098 or EAP 050 and EAP 060 (C or better)</td>
<td>All &amp; OL</td>
</tr>
<tr>
<td>PHY - 150</td>
<td>Applied Physics</td>
<td>4</td>
<td>MAT-110</td>
<td>Fall/Sp</td>
</tr>
</tbody>
</table>

#### FALL SEMESTER 2

<table>
<thead>
<tr>
<th>√ Course#</th>
<th>Course Name</th>
<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-120</td>
<td>Interpersonal Relations &amp; Comm.</td>
<td>3</td>
<td>COM-097 or EAP-040 and EAP 020</td>
<td>All &amp; OL</td>
</tr>
<tr>
<td>EUT-130</td>
<td>Transformers, Power Generation &amp; Distribution</td>
<td>4</td>
<td>EUT-110</td>
<td>Fall</td>
</tr>
<tr>
<td>COM – 141</td>
<td>Technical Writing</td>
<td>3</td>
<td>COM-121 or COM-122 (C or better)</td>
<td>ALL</td>
</tr>
</tbody>
</table>

#### SPRING SEMESTER 2

<table>
<thead>
<tr>
<th>√ Course#</th>
<th>Course Name</th>
<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI-275*</td>
<td>Ethics</td>
<td>3</td>
<td>COM-121 or COM-122</td>
<td>All</td>
</tr>
<tr>
<td>ENV-130*</td>
<td>The Environment</td>
<td>3</td>
<td>COM-098 or EAP-050 and EAP-060 or appropriate score on placement test</td>
<td>All &amp; OL</td>
</tr>
<tr>
<td>SOC-130*</td>
<td>Sociology</td>
<td>3</td>
<td>COM-098 or EAP-050 and EAP-060</td>
<td>All &amp; OL</td>
</tr>
</tbody>
</table>

*Sections of these courses offered in the Honors Program, check [https://www.racc.edu/academics/honors-program](https://www.racc.edu/academics/honors-program) for details. Online (OL) may not be offered every semester. Please check the schedule.

#### Line Worker Track

- EUT 100 - Electric Utility Technology I - Line 6 Credit Hours Fall
- EUT 120 - Electricity Utility Technology II - Line 6 Credit Hours Spring
- EUT 200 - Electric Utility Technology III - Line 6 Credit Hours Fall
- EUT 220 - Electric Utility Technology IV - Line 6 Credit Hours Spring

#### Substation Worker Track

- EUT 101 - Electric Utility Technology I - Substation Worker 6 Credit Hours Fall
- EUT 121 - Electric Utility Technology II - Substation Worker 6 Credit Hours Spring
- EUT 201 - Electric Utility Technology III - Substation Worker 6 Credit Hours Fall
- EUT 221 - Electric Utility Technology IV - Substation Worker 6 Credit Hours Spring

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Date created: September 2019

Updated: All = Fall/Spring/Summer
OL = Online