## Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
<th>Grade</th>
<th>Complete</th>
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<tbody>
<tr>
<td>ACR 100</td>
<td>Refrigeration Fundamentals</td>
<td>3</td>
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<tr>
<td>ACR 101</td>
<td>Refrigeration Fundamentals Lab</td>
<td>2</td>
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<tr>
<td>ACR 102</td>
<td>HVAC Electricity AND</td>
<td>3</td>
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<tr>
<td>ACR 103</td>
<td>HVAC Electricity Lab OR</td>
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<tr>
<td></td>
<td>Comparable Electrical Course*</td>
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<tr>
<td>ACR 130</td>
<td>Electrical Components</td>
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<td>ACR 131</td>
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<td>ACR 170</td>
<td>Heat Load/Duct Design</td>
<td>3</td>
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<td>ACR 250</td>
<td>Cooling and Dehumidification</td>
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<td>ACR 251</td>
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<td>ACR 260</td>
<td>Heating and Humidification</td>
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<td>ACR 261</td>
<td>Heating and Humidification Lab</td>
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<td>Heat Pump Application</td>
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<td>ACR 271</td>
<td>Heat Pump Application Lab</td>
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<td>ACR 290</td>
<td>Journeyman Preparation</td>
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### *Comparable Electrical Courses*

<table>
<thead>
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<th>Credit</th>
<th>Grade</th>
<th>Complete</th>
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<tbody>
<tr>
<td>EET 154</td>
<td>Electrical Construction I AND</td>
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<td>EET 155</td>
<td>Electrical Construction I Lab OR</td>
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<td>EET 112</td>
<td>Basic Electrical Theory AND</td>
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<td>Basic Electrical Theory Lab OR</td>
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<td>Circuits I OR</td>
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<td>IMT 110</td>
<td>Industrial Maintenance Electrical Principles AND</td>
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<td>IMT 111</td>
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<td></td>
<td>OR Consent of the Instructor</td>
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## NOTES:

Requirements taken from 2015-16 KCTCS Catalog

**Students enrolled in the Air Conditioning Technology program must achieve a minimum grade of “C” in each technical course.**