### Agricultural Engineering Technology - Agricultural Power Machinery
**Associates in Applied Science**

#### SEMESTER 1

<table>
<thead>
<tr>
<th>Class</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AGEN 111 Introduction to Computing in Ag Engineering Tech</td>
<td>2</td>
</tr>
<tr>
<td>AGEN 151 Basic Welding</td>
<td>2</td>
</tr>
<tr>
<td>AGEN 166 Agricultural Mechanics</td>
<td>2</td>
</tr>
<tr>
<td>AGEN 170 Basic Hydraulics</td>
<td>3</td>
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<tr>
<td>ENGL 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>Additional Liberal Arts and Science</td>
<td>3</td>
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<tr>
<td>FFCS</td>
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#### SEMESTER 2

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<tbody>
<tr>
<td>AGEN 132 Fundamentals of Diesel Engine Technology</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 101 Principles of Physics I</td>
<td>3</td>
</tr>
<tr>
<td>English ENGL 102 or higher</td>
<td>3</td>
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<tr>
<td>Additional Liberal Arts and Science</td>
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</tr>
<tr>
<td>Major Field Elective</td>
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#### SEMESTER 3

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<tbody>
<tr>
<td>AGEN 231 Equipment Electrical and Electronic Systems Troubleshooting</td>
<td>3</td>
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<td>AGEN 241 Agricultural Machinery</td>
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<tr>
<td>AGEN 285 Equipment Retailing Management</td>
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<tr>
<td>AGEN 292 Fuel Systems</td>
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<td>PHED</td>
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#### SEMESTER 4

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<tbody>
<tr>
<td>AGEN 115 Supervised Work Experience</td>
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<tr>
<td>AGEN 232 Power Trains Theory, Diagnostics, and Repair</td>
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<tr>
<td>AGEN 245 Air Conditioning</td>
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<tr>
<td>AGEN 273 Agricultural Hydraulics Troubleshooting</td>
<td>3</td>
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<tr>
<td>Additional Science/Math</td>
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<tr>
<td>Additional Liberal Arts and Science</td>
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<td><strong>TOTAL</strong></td>
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