# Associate in Applied Science Degree
## Engineering Technology
### Unmanned Ground Vehicles (UGV)

<table>
<thead>
<tr>
<th>Student:</th>
<th>Phone:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student ID:</td>
<td>E-Mail:</td>
</tr>
<tr>
<td>Advisor:</td>
<td>Phone:</td>
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### Year 1 - Fall
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
<th>Contact</th>
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</thead>
<tbody>
<tr>
<td>ENG 111</td>
<td>English Composition</td>
<td>4</td>
<td>4</td>
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<tr>
<td>GEO 115</td>
<td>Introduction to GIS</td>
<td>3</td>
<td>4</td>
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<tr>
<td>EET 102</td>
<td>Intro. to Engineering Technology</td>
<td>2</td>
<td>2</td>
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<tr>
<td>EET 103</td>
<td>Electrical Studies I</td>
<td>3</td>
<td>4</td>
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<tr>
<td>RAM 155</td>
<td>Microcontroller Programming</td>
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| Semester Total | 15 | 18 |

### Year 2 - Fall
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
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<tbody>
<tr>
<td>MTH 121</td>
<td>College Algebra</td>
<td>4</td>
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<tr>
<td>PHY 105</td>
<td>Physics of the World</td>
<td>4</td>
<td>5</td>
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<tr>
<td>MFG 104</td>
<td>Fluid Power</td>
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<tr>
<td>AT 130</td>
<td>Engine Performance I (fa)</td>
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<td>8</td>
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| Semester Total | 16 | 21 |

### Year 1 - Spring
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
<th>Contact</th>
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<tbody>
<tr>
<td>ENG 112 or</td>
<td>English Composition</td>
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<tr>
<td>ENG 220 or</td>
<td>Technical Writing</td>
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<tr>
<td>BUS 231</td>
<td>Professional Communications</td>
<td>3</td>
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<tr>
<td>RAM 205</td>
<td>Microcontroller Systems</td>
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<td>4</td>
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<tr>
<td>DD 170</td>
<td>CADD/Computer Modeling</td>
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<tr>
<td>AT 220</td>
<td>Automotive Electrical II (sp)</td>
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| Semester Total | 15-16 | 20-21 |

### Year 2 - Spring
<table>
<thead>
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<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
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<tbody>
<tr>
<td>PHL 105</td>
<td>Critical Thinking</td>
<td>3</td>
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<tr>
<td>EET 260</td>
<td>Systems Engineering in Practice</td>
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<tr>
<td>AT 240</td>
<td>Unmanned Ground Vehicles (sp)</td>
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<td>Approved Technical Elective</td>
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| Semester Total | 14 | 16 |

| PROGRAM TOTAL | 60-61 | 75-76 |

The responsibility for determining the transferability of this degree and courses to another institution is the sole responsibility of the student.

### Approvals:

- Student: ____________________________
- Advisor: ____________________________
- Discipline: ____________________________

Revised 3/22/19

### Key:
- (fa) Only offered in Fall semester
- (sp) Only offered in Spring semester
- (su) Only offered in Summer semester