



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

Program Code: 543

Student:		Phone:	
Student ID:		E-Mail:	
Advisor:		Phone:	

Year 1 - Fall	Credit	Contact
ENG 111 English Composition	4	4
GEO 115 Introduction to GIS	3	4
EET 102 Intro. to Engineering Technology	2	2
EET 103 Electrical Studies I	3	4
RAM 155 Microcontroller Programming	3	4
<b>Semester Total</b>	<b>15</b>	<b>18</b>

Year 2 - Fall	Credit	Contact
MTH 121 College Algebra	4	4
PHY 105 Physics of the World	4	5
MFG 104 Fluid Power	3	4
<b>AT 130 Engine Performance I (fa)</b>	<b>5</b>	<b>8</b>
<b>Semester Total</b>	<b>16</b>	<b>21</b>

Year 1 - Spring	Credit	Contact
ENG 112 <b>or</b> English Composition	4	4
ENG 220 <b>or</b> Technical Writing	<b>or</b>	<b>or</b>
BUS 231 Professional Communications	3	3
RAM 205 Microcontroller Systems	3	4
DD 170 CADD/Computer Modeling	4	5
<b>AT 220 Automotive Electrical II (sp)</b>	<b>5</b>	<b>8</b>
<b>Semester Total</b>	<b>15-16</b>	<b>20-21</b>

Year 2 - Spring	Credit	Contact
PHL 105 Critical Thinking	3	4
EET 260 Systems Engineering in Practice	3	3
<b>AT 240 Unmanned Ground Vehicles (sp)</b>	<b>4</b>	<b>5</b>
<b>Approved Technical Elective</b>	<b>4</b>	<b>4</b>
<b>Semester Total</b>	<b>14</b>	<b>16</b>

**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: \_\_\_\_\_

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

Revised 3/22/19