

# UNMANNED SYSTEMS TECHNOLOGY - AAS

Offered at: Hazard Community and Technical College

Program Plan Number: 4706097019

May be available completely online. Please check with your academic advisor.

Course	Title	Credits
<b>General Education Core</b>		
ENG 101	Writing I	3
COM 181	Basic Public Speaking	3
	or COM 252 Introduction to Interpersonal Communication	
MAT 116	Technical Mathematics (or higher) <sup>1</sup>	3
POL 101	American Government	3
	Natural Sciences <sup>2</sup>	3
	Heritage/Humanities	3
	Subtotal	18
<b>Technical Core</b>		
	Select one of the following three options:	3
	CIT 105 Introduction to Computers	
	DPT 100 Introduction to 3D Printing Technology	
	CAD 100 Introduction to Computer Aided Design	
BAS 267	Introduction to Business Law	3
BAS 282	Principles of Marketing	3
UST 100	Intro to Unmanned Systems Technology	3
UST 105	Unmanned Systems Safety and Regulations	3
UST 107	Commercial Drone Operations	3
UST 299	UST Capstone Studies	1
	Subtotal	19
	General Education and Technical Core Subtotal	37
<i>Students must complete one of the tracks listed below to complete the AAS requirements.</i>		

<sup>1</sup> MAT 150 College Algebra (3 credit hours) preferred.

<sup>2</sup> Physics preferred except PHY 160 Physics and Astronomy for Elementary Teachers (3 credit hours).

## Advanced Drone Operator Track

Offered at: Hazard Community and Technical College

Program Plan Number: 470609701

Course	Title	Credits
General Education and Technical Core Subtotal		37
CIT 125	Intro to Digital Maps	3
UST 221	Crew Resource Management	1
UST 290	UST Flight Mastery	2
UST 295	UST Learning Experience	3
	UST Electives	14
<b>Total Credits</b>		<b>60</b>

## First Responder Specialist Track

Offered at: Hazard Community and Technical College

Program Plan Number: 470609702

Course	Title	Credits
General Education and Technical Core Subtotal		37
CIT 125	Intro to Digital Maps	3
GIS 145	Remote Sensing	3
HSM 110	Introduction to Emergency Management	3
UST 220	First Responder Applications	2
UST 221	Crew Resource Management	1
	UST Electives	11
<b>Total Credits</b>		<b>60</b>

## Unmanned Systems Technician Track

Offered at: Hazard Community and Technical College

Program Plan Number: 470609703

Course	Title	Credits
General Education and Technical Core Subtotal		37
CIT 111	Computer Hardware and Software	4
CIT 160	Intro to Networking Concepts	4
DPT 102	3D Printing Technology Fundamentals	2
UST 200	Drone Fabrication and Repair	4
	UST Electives <sup>1</sup>	9
<b>Total Credits</b>		<b>60</b>

<sup>1</sup> Take CAD 100 Introduction to Computer Aided Design (3 credit hours) or CIT 105 Introduction to Computers (3 credit hours) if not taken in core.

## GIS/Unmanned Systems Specialist Track

Offered at: Hazard Community and Technical College

Program Plan Number: 470609704

Course	Title	Credits
General Education and Technical Core Subtotal		37
CIT 125	Intro to Digital Maps	3
CIT 225	GIS Data Analysis	3
GIS 145	Remote Sensing	3
GIS 255	Geospatial Programming	3
GIS 260	Geospatial Web Mapping	3
	UST Electives	8
<b>Total Credits</b>		<b>60</b>