

**Indiana State University Articulation Agreement  
with Illinois Eastern Community Colleges Olney Central College**

**Illinois Eastern Community Colleges Olney Central College:  
AAS in Unmanned Aerial Technology  
to  
Indiana State University (ISU): BS in Unmanned Systems**

**GENERAL EDUCATION (FOUNDATIONAL STUDIES) COURSES**

Foundational Studies Category	ISU Course	Credits	Illinois Eastern Community Colleges Olney Central College*	Credits
Freshman Composition	Waived		ENG 1111 English Composition or ENG 1201 Communications	3
Junior Composition	Refer to Catalog	3		
Communication	Waived		SPE 1101 Fundamentals of Effective Speaking	3
Quantitative Literacy or Mathematics	Waived		MTH 1103 Liberal Arts Math or MTH 1201 Technical Mathematics	3
Health/Wellness	Waived			
Science w/Lab	Waived			
Social & Behavioral Sciences	Waived		Social Science/Humanities Gen Ed. elective	3
Literary Studies	Refer to Catalog	3		
Fine & Performing Arts	Refer to Catalog	3		
Historical Perspectives	Refer to Catalog	3		
Global Perspectives & Cultural Diversity	Refer to Catalog	3		
Ethics & Social Responsibility	Refer to Catalog	3		
Upper Division Integrative Elective	Refer to Catalog	3		
High Impact Practice	Waived			
			General Education elective	3
<b>General Education Credits</b>		<b>21</b>		<b>15</b>

\*A grade of C- or higher is required for all transfer courses.

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### MAJOR REQUIRED COURSES

Required ISU Courses	ISU Course	Cr.	Illinois Eastern Community Colleges Olney Central College*	Cr
AVT 130 – Introduction to Aviation Technology			UAS 1200 Introduction to UAT	4
AVT 143 – Introduction to the Flight Environment	AVT 143	1		
ECT 160 Electronic Fundamentals			UAS 1220 UAT Electronics	3
ECT 168 Computer Design Technology			UAS 2200 Design & Construction	4
UMS 181 Fundamentals of Flight			UAS 1215 Remote Pilot (Part 107) Prep	3
AVT 223 Aviation weather Services			UAS 1210 UAT Mission Planning	3
ENVI 272 Introduction to Geospatial Technologies	ENVI 272	3		
			UAS 2205 UAT Photogrammetry	3
UMS 281 Introduction to Unmanned System Operations			UAT 2210 Industry Applications	2
AVT 325 Crew Resource Management	AVT 325	3		
UMS 382 The Mechanics of UMS			UAS 2220 UAT Industry Project	4
UMS 385 Human Factors of UMS			UAS 1205 Principles of UAT Flight	3
AVT 405 Aviation Law			UAS 2225 UAT Law, Policy, and Safety	3
ENVI 405 Fundamentals of Remote Sensing	ENVI 405	3		
ENVI 407 Remote Sensing Intro Digital Image Processing	ENVI 407	3		
AVT 425 Aviation safety Management Systems	AVT 425	3		
AVT 430 Aviation Career Planning	AVT 430	1		
ECT 437 Industrial Computer Systems Management	ECT 437	3		
UMS 471 Topics for Unmanned Systems Majors			UAS 2215 UAT Entrepreneurship	3
UMS 483 Payloads & Sensors	UMS 483	3		
UMS 485 Communications and Data Links for Unmanned Systems	UMS 485	3		
UMS 491 Advanced Unmanned Aerial Systems Operations	UMS 491	3		
UMS Elective – 200 level			UAS 1225 Aerial Photography/Videography	3
Elective		3		
Elective		3		
Elective		3		
Elective		3		
<b>Credits for Major</b>		<b>41</b>		<b>38</b>

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**CREDIT HOUR DISTRIBUTION**

<b>Credits Needed</b>	<b>Credit Hours</b>
AAS Degree	60
Program specific credits from OCC	53
Credits to be Completed at ISU	62

**GRADUATION REQUIREMENTS**

<b>ISU Graduation Requirements</b>	<b>GPA/Credit Hours</b>
Cumulative GPA	2.0
ISU Residency Credits	30 (9 upper level)
Upper Level (300-499) Credits	45
Total Credits for Degree	120

Disclaimer: 100-200 level transfer courses accepted as 300-400 level major requirements will not count toward the 45 credits of Upper Level credit required for graduation. Please refer to the ISU Catalog for more specific details concerning graduation requirements. Changes to the curricula at either institution may result in changes to the student's degree plan. Students must have the remote pilot license (RPL) to get credit for UMS 181 Foundations of Flight.



## Program Articulation Agreement

Indiana State University  
Bachelor of Science  
Unmanned Systems

Illinois Eastern Community Colleges  
Olney Central College  
Associate of Applied Science  
Unmanned Aerial Technology

*[Signature]* 9/23/22

Department Chair, Date

*[Signature]* 11/22/22

Institution Representative, Date

*[Signature]* 9/27/22

College Dean, Date

*[Signature]* 9/28/22

AVP of Academic Affairs, Date