

Aviation Technology Helicopter – (Fall/Spring Start 2025-26)

Associate of Applied Science: (Major Code 2045)

The AAS Aviation Technology - Helicopter is awarded to students who satisfy the following requirements

Courses	Cr.	Qtr.	Gr.
FALL / SPRING:			
HDEV 112 Freshman Seminar	1		
AV 101 Introduction to Aviation	3		
AV 115 Private Pilot Ground - Helicopter	3		
AV 227 Helicopter Flight Lab-Private	1		
CS 101 Computer Fundamentals	4		
	12		
WINTER / SUMMER:			
AV 120 Intro to Aviation Safety Management System (ASMS)	4		
MATH 63 Technical Math (or higher)	4		
AV 116 Adv. Private Pilot Ground-Helicopter	2		
AV 104 Intro to Aviation Systems	3		
AV 228 Helicopter Flight Lab-Private	1		
AV 229 Helicopter Flight Lab-Private	1		
	15		
SPRING / FALL:			
AV 121 Risk Management-Aviation SMS	3		
GSCI 109 General Science Meteorology	4		
AV 215 Instrument Helicopter-Ground	3		
AV 230 Helicopter Flight Lab, Instrument	1		
AV 135 Aviation GPS	2		
WR 115 intro to College Writing (or higher)	4		
	17		
SUMMER / WINTER:			
AV 122 ASMS-Quality Assurance	3		
AV 231 Helicopter Flight Lab, Instrument	1		
AV 232 Helicopter Flight lab, Commercial	1		
AV 216 Instrument Helicopter Ground	2		
AV 208 Meteorology II, Weather Decision Making	4		
PSYC 101 Psych. Human Rel. or BA 204 Teamwork Dynamic	3		
	14		
FALL / SPRING:			
AV 123 ASMS, Business & Legal Aspects	3		
AV 225 Commercial Pilot Ground, Helicopter	4		
AV 233 Helicopter Flight Lab, Commercial	1		
AV 237 Helicopter Flight Lab, Commercial	1		
AV 245 Advanced Air Operations	3		
HPE 120 First Aid/CPR	2		
COM 111 Public Speaking – OR – SP 219 Small Group Disc.	4/3		
	17+		
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- Students must complete a minimum of 92 credits in courses numbered 100 or above.
- All courses must be completed with a minimum GPA of 2.0
- An application for graduation must be filled out one term in advance of final term.

General Education Requirements (25+)

Math 63 – Technical Math (or higher)
 CS 101 – Computer Fundamentals
 BA 101 – Intro to Business
 COM 111 – Public Speaking
 - **OR** -
 SP 219 – Small Group Discussion
 WR 115 – Intro to College Writing (or higher)
 PSYCH 101 – Psychology of Human Relations
 - **OR** -
 BA 204 – Team Work Dynamics
 HPE 120 – First Aid/CPR
 HDEV 112 – Freshman Seminar

Career Path Certificate (16 credits*)

Aviation Safety Management Systems

AV 120 Intro to Avn. Safety Mgmt. Systems (4cr)
 AV 121 ASMS Risk Management (3cr)
 AV 122 ASMS Quality Assurance (3cr)
 AV 123 Av. Business & Legal Aspects (3cr)
 AV 124 Human Factors (3cr)

***Recommended Elective (3 credits)**

AV 125 – Intro to Aviation Accident Investigation. (3cr)
 WR 121 – English Composition
 MA 105 – Math in Society

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WINTER / SUMMER:			
AV 255 Certified Flight Instructor	3		
AV 124 Aviation Human Factors (AHF)	3		
AV 290 Aviation Capstone	3		
BA 101Z Introduction to Business	4		
AV 282 Helicopter Flight Lab, CFI	1		
AV 283 Helicopter Flight Lab, CFI	1		
AV 284 Helicopter Flight Lab, CFII	1		
AV 285 Helicopter Flight Lab, CFII	1		
	17		
TOTAL	92+		