

## Aviation Helicopter Associate of Applied Science Degree







AAS Aviation Helicopter program trains students to work as **professional pilots** in either the air transportation industry or commercial helicopter industry. **Career paths** with this degree include the following: commercial pilot, pilot for a private corporation, charter pilot, and flight instructor to new student pilots.

The AAS Aviation Helicopter degree program is designed to **produce high-quality graduates** who are prepared to enter the field as aviation pilots. This field **offers high-wage careers** that are global in scope. The degree provides students with the **mandatory flight hours** along with industry-specified instruction.

Instruction takes place in a **one-to-one student-to-instructor** learning environment to ensure that students acquire the academic knowledge necessary to be a safe pilot and to **pass the FAA knowledge exams**. Federal Aviation Regulations 14 CFR parts 61 and 141 **set forth the qualifications**, testing, and certification requirements for pilots, flight instructors, and ground instructors.

## Program Learning Outcomes

Upon successful completion of the program, students will be able to:

-  Summarize the test standards and information in order to pass the FAA check ride and obtain: private pilot certification, instrument rating, commercial pilot certification, certified flight instructor certification, and certified instrument flight instructor rating.
-  Perform calculations required for flight operations.
-  Identify principles of flight pertaining to helicopters.
-  Use communication skills effectively face-to-face and over the radio.
-  Evaluate pilot fitness and proficiency, aircraft airworthiness and capabilities, and environmental conditions prior to each flight.
-  Explain aviation regulations and how they pertain to airport operating procedures, crew rest requirements, general operating flight rules, and flight operations.

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In addition to learning more about the world around you and creating memories along the journey, learning to fly **builds character**. The process gives the student a sense of self and develops confidence.

## Program Completion Requirements

The Aviation Program Director will review candidates' academic history, transcripts from high school and/or college, and math and writing competency. Candidates will be advised of their next steps regarding their math and writing placement. Next steps may include taking a placement test or immediately enrolling in appropriate courses. **Candidates for the program must satisfactorily complete all requirements, including a minimum of 90 credits, with 21 credits of general education, 54 credits of technical core subjects, and 15 credits of aviation electives.** Successful pursuit of this program requires students to possess collegiate skills in reading, communication, computation, and critical thinking. All courses, with the exception of flight and ground courses, are available online. **Students must complete all technical core subject courses (including all flight/ground courses) with a grade of "C" or higher in order to move onto the next flight phase.**

Number of credit hours necessary for completion: 90

## Admission Requirements

Candidates considering the Aviation Helicopter AAS degree should **contact the Aviation Program Director at 541-880-2263.** The program has special admission requirements, and the Aviation Program Director will forward the application to interested candidates. The application has a number of **requirements that must be satisfied** before the candidate will be admitted into the program. If some of the requirements are not completed, a prospective aviation **student may start introductory aviation classes**, but a student must be accepted into the program before they can begin ground and flight courses. **All applicants who are accepted into the program will receive an orientation.**

## Admission Required Documents

Drivers License (Front and Back)

2nd Class Aviation Medical Certificate

Birth Certificate or Passport

Previous Transcripts

Veteran Funded Students will also need a COE (Certificate of Eligibility)

High School Diploma or GED or Higher Certificate

## Helicopter Required Courses

### Student Success

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 CGS 100 - College Survival & Success 3.00 Credit

### Communications

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 CAS 133 - Intro to Computing Skills 3.00 Credits

 CAS 133L - Intro to Computing Skills Lab 1.00 Credit

Students must **select one course** to complete this general education requirement.

 COM 111M - Fundamentals of Speech 5.00 Credits

 COM 111Z - Public Speaking 4.00 credits

 COM 218Z - Interpersonal Communication 4.00 credits

### Writing

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Students must **select only one** of these courses below to fulfill this general education requirement.

 WRI 117 - Intro to Technical Communication 4.00 Credits

 WRI 121Z - Composition I 4.00 credits

 WRI 121 - English Composition I 4.00 Credits

 WRI 121M - English Composition I 5.00 Credits

### Computation

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Students must **select only one** of these courses below to fulfill this general education requirement.

 MTH 060 - Introductory Algebra I 4.00 Credits

 MTH 070 - Elementary Algebra 4.00 Credits

 MTH 065 - Introductory Algebra II 4.00 Credits

 MTH 095 - Intermediate Algebra 4.00 Credits

 MTH 105 - Math in Society 4.00 Credits

 MTH 111 - College Algebra 5.00 Credits

 MTH 105M - Math in Society 5.00 Credits

 MTH 105Z - Math in Society 4.00 credits

 MTH 111Z - Precalculus I: Functions 4.00 credits

### Social Sciences

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Students must **select only one** of these courses below to fulfill this general education requirement.

 PSY 201A - General Psychology I 3.00 Credits

 PSY 201M - General Psychology I 5.00 Credits

 PSY 202A - General Psychology II 3.00 Credits

 PSY 202M - General Psychology II 5.00 Credits

 PSY 203A - General Psychology III 3.00 Credits

 PSY 203M - General Psychology III 5.00 Credits

 PSY 101 - Psychology & Human Relations 3.00 Credits

 BUS 285 - Human Relations in Organizations 3.00 Credits

## Technical Core Flight and Ground Courses

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(Students must earn a letter grade of "C" or higher to complete these courses)

-  AVS 111F - Private Pilot I Flight Helicopter 2.00 Credits
-  AVS 111G - Private Pilot I Helicopter 3.00 Credits (Ground)
-  AVS 116F - Private Pilot II Flight Helicopter 1.00 Credit
-  AVS 116G - Private Pilot II Helicopter 2.00 Credits (Ground)
-  AVS 200F - Instrument Flight Helicopter 3.00 Credits
-  AVS 200G - Instrument Helicopter 4.00 Credits (Ground)
-  AVS 205F - Commercial Flight Helicopter 4.00 Credits
-  AVS 205G - Commercial Helicopter 3.00 Credits (Ground)
-  AVS 210F - CFI Flight Helicopter 1.00 Credit
-  AVS 210G - CFI Helicopter 4.00 Credits (Ground)
-  AVS 215F - CFII Flight Helicopter 1.00 Credit
-  AVS 215G - CFII Helicopter 2.00 Credits (Ground)

## Technical Core Distance Education Courses

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(Students must earn a letter grade of "C" or higher to complete these courses)

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|--|---|
|  AVS 100 - Intro into Aviation <u>4.00 Credits</u>        |  AVS 105 - Aviation Fundamentals <u>4.00 Credits</u> |
|  AVS 150 - Meteorology <u>4.00 Credits</u>                |  AVS 155 - Applied Aerodynamics <u>4.00 Credits</u>  |
|  AVS 251 - Aviation Law & Regulations <u>4.00 Credits</u> |  AVS 252 - Human Factors <u>4.00 Credits</u>         |

## Electives

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Students must select five courses in this requirement. 15 Credits

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|---|--|
|  AVS 125 - Aircraft Systems: Powerplant <u>3.00 Credits</u>            |  AVS 254 - Aviation Safety <u>3.00 Credits</u>                |
|  AVS 130 - History of Aviation <u>3.00 Credits</u>                     |  BUS 206 - Management Fundamentals <u>3.00 Credits</u>        |
|  BUS 101 - Intro to Business <u>4.00 Credits</u>                       |  BUS 206M - Management Fundamentals <u>5.00 Credits</u>       |
|  ECO 202 - Principles of Economics: Macro <u>3.00 Credits</u>          |  ECO 201 - Principles of Economics: Micro <u>3.00 Credits</u> |
|  AVS 140 - Intro to Unmanned Aerial Systems <u>3.00 Credits</u>        |  |
|  AVS 120 - Aircraft Systems & Structures: Airframe <u>3.00 Credits</u> |  |

TERM 2023-2024	SUMMER 2023	FALL 2023	WINTER 2024	SPRING 2024	SUMMER 2024
Classes Begin	26 JUN 2023 Monday	25 SEP 2023 Monday	08 JAN 2024 Monday	01 APR 2024 Monday	24 JUN 2024 Monday
Last Day to Drop a Class for Full Refund and Last Day to Add a Class	30 JUN 2023 Friday	29 SEP 2023 Friday	12 JAN 2024 Friday	05 APR 2024 Friday	28 JUN 2024 Friday
Last Day to Withdrawal From A Class	9 Week Term 04 AUG 2023 Monday 11 Week Term 18 AUG 2023 Friday	18 NOV 2023 Friday	03 MAR 2024 Friday	26 MAY 2024 Friday	04 AUG 2024 Friday
Last Day of the Term	9 Week Term 25 AUG 2023 Friday 11 Week Term 08 SEP 2023 Friday	08 DEC 2023 Friday	22 MAR 2024 Friday	14 JUN 2024 Friday	23 AUG 2024 Friday

# IMPORTANT DATES

## Aviation DE Courses

SU23 FA23 WI24 SP24

AVS 100 - Intro into Aviation <u>4.00 Credits</u>	X	X	X	X
AVS 105 - Aviation Fundamentals <u>4.00 Credits</u>	X	X	X	X
AVS 120 - Aircraft Systems & Structures: Airframe <u>3.00 Credits</u>		X		
AVS 125 - Aircraft Systems: Powerplant <u>3.00 Credits</u>	X			X
AVS 130 - History of Aviation <u>3.00 Credits</u>	X			X
AVS 140 - Intro to Unmanned Aerial Systems <u>3.00 Credits</u>			X	
AVS 150 - Meteorology <u>4.00 Credits</u>	X			X
AVS 155 - Applied Aerodynamics <u>4.00 Credits</u>			X	
AVS 251 - Aviation Law & Regulations <u>4.00 Credits</u>		X		
AVS 252 - Human Factors <u>4.00 Credits</u>			X	
AVS 254 - Aviation Safety <u>3.00 Credits</u>		X		

These are the aviation focused courses that are **offered online** through Klamath Community College's online teaching system. Enrolled students will **meet with an advisor** in the aviation department. The appointed advisor will aid students in creating an academic plan to schedule when these classes will be taken. The neat fact about doing this unique program is that while students are participating in the challenges of flight school these classes **reinforce** what they are learning to **become certified professional pilots**, benefiting students during their adventurous and unforgettable journey. During a students time enrolled in our aviation program they will complete a certain amount of flight hours and ground hours with our partner **Pureflight Training**.

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**Helicopter Flight and Ground Hours**

Course	Dual	Solo	Ground	Pre/Post	Total
Private I	35.0	3.5	32.0	9.5	80.0
Private II	15.0	6.5	23.0	5.0	49.5
Instrument	45.0	0.0	45.0	11.0	101.0
Commercial	39.0	33.0	35.0	18.0	125.0
CFI	25.0	0.0	40.0	6.0	71.0
CFII	18.0	0.0	22.0	4.0	44.0

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The total amount of **flight hours** a student will receive while enrolled in this program is **220.0 hours**. The total amount of **ground hours** a student will receive while enrolled in this program is **197.0 hours**. The total amount of **flight, pre/post, and ground hours** a student will receive while enrolled in this program is **470.5 hours**.

## Helicopter Course Fees

### UPDATES SUMMER OF 2024









AVS 111F - Private Pilot I (Flight) 2 Credits	\$17,979.41
AVS 111G - Private Pilot I (Ground) 3 Credits	\$1,993.28
AVS 116F - Private Pilot II (Flight) 1 Credit	\$11,338.30
AVS 116G - Private Pilot II (Ground) 2 Credits	\$1,612.67
AVS 200F - Instrument (Flight) 3 Credits	\$23,295.00
AVS 200G - Instrument (Ground) 4 Credits	\$3,330.00
AVS 205F - Commercial (Flight) 4 Credits	\$34,030.00
AVS 205G - Commercial (Ground) 3 Credits	\$2,630.00
AVS 210F - Certified Flight Instructor (Flight) 1 Credit	\$13,645.00
AVS 210G - Certified Flight Instructor (Ground) 4 Credits	\$3,160.00
AVS 215F - Certified Flight Instructor Instrument (Flight) 1 Credit	\$10,250.00
AVS 215G - Certified Flight Instructor Instrument (Ground) 2 Credits	\$1,720.00
Total Cost	\$124,983.66
Estimated Helicopter Associate of Applied Science Degree Cost	\$140,088.66
Total Credits	30 Credits
Tuition Cost (60 Credits)	\$9,390.00

*You haven't seen a tree until you've seen its shadow from the sky.*

*-Amelia Earhart*



Possible Lenders

 <p><b>LendKey</b> Fixed Rates ⓘ 3.99% - 11% APR</p> <p>(888) 549-9050 <a href="#">VIEW</a></p>	 <p><b>SoFi Refinance Loans</b> Fixed Rates ⓘ      Variable Rates ⓘ 3.49% - 7.48% APR      1.74% - 7.48% APR</p> <p>866.357.6342 <a href="#">VIEW</a></p>	 <p><b>Sallie Mae</b> Fixed Rates ⓘ      Variable Rates ⓘ 3.75% - 13.72% APR      3.37% - 13.72% APR</p> <p>(866) 972-5004 <a href="#">VIEW</a></p>
 <p><b>Provident Credit Union</b> Fixed Rates ⓘ      Variable Rates ⓘ 3.75% - 13.72% APR      3.37% - 13.72% APR</p> <p>866-284-3069 <a href="#">VIEW</a></p>	 <p><b>Rogue Credit Union</b> Fixed Rates ⓘ      Variable Rates ⓘ 3.75% - 13.72% APR      3.37% - 13.72% APR</p> <p>833-556-6373 <a href="#">VIEW</a></p>	 <p><b>Elevations Credit Union</b> Fixed Rates ⓘ      Variable Rates ⓘ 3.75% - 13.72% APR      3.37% - 13.72% APR</p> <p>866-284-3069 <a href="#">VIEW</a></p>
 <p><b>MEFA</b> Fixed Rates ⓘ 4.89% - 6.99% APR</p> <p>800-449-MEFA (6332) <a href="#">VIEW</a></p>		 <p><b>Affinity Federal Credit Union</b> Fixed Rates ⓘ      Variable Rates ⓘ 3.75% - 13.72% APR      3.37% - 13.72% APR</p> <p>844-359-4404 <a href="#">VIEW</a></p>

These are **lenders** who have assisted with **financial aid** before and helped students **get loans** to pay for the program.

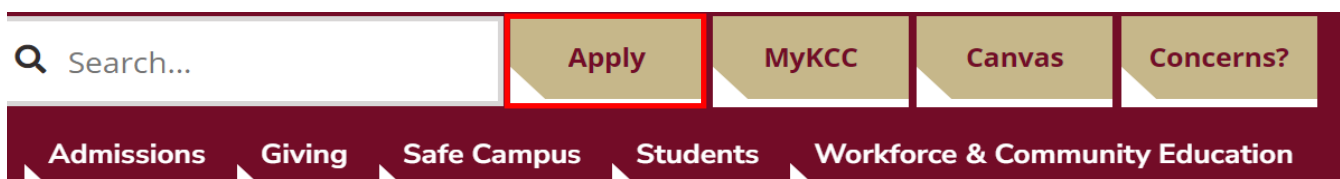
**Useful Contacts**

Financial Aid	542-880-2352	finaid@klamathcc.edu
Technology Help Desk	541-880-2226	is.helpdesk@klamathcc.edu
Testing Center	541-880-2334	testingcenter@klamathcc.edu
VA Department	541-880-2389	appolonio@klamathcc.edu

**KCC Websites**

My KCC	<a href="https://mykcc.klamathcc.edu">https://mykcc.klamathcc.edu</a>
KCC Main Site	<a href="https://www.klamathcc.edu">https://www.klamathcc.edu</a>

To apply for the aviation degree program with KCC please navigate to our online application page at the KCC main site listed above and click on Apply.

**Aviation Department at Klamath Community College****541-880-2263****[aviation@klamathcc.edu](mailto:aviation@klamathcc.edu)****Building 4 Room 421**