

ADDENDUM TO 2021-2022 CATALOG

**VETERANS INFORMATION BULLETIN**

**FOR**

**KLAMATH COMMUNITY COLLEGE  
AVIATION PROGRAMS  
CONTRACTED**

\*\*\*\*\*

**Airport:** Klamath Falls Airport (KLMT)

**Address:** 2977 Stinson Way  
Klamath Falls, OR 97601

**Telephone:** Day and Night - 541-840-2132  
Emergency - 503-310-3565

**Airport:** Chehalem Airpark (17S)

**Address:** 17770 NE Aviation Way  
Newberg, OR 97132-6899

**Telephone:** Day and Night - 503-537-0108  
Emergency - 503-310-3565

**Services:** Flight Training, Sales, Rental and Lease,  
Pilot Shop, FAA Testing Facility.

\*\*\*\*\*

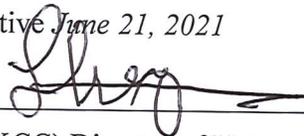
Approved by the Federal Aviation Administration under FAR Part 141.

Approved by the Oregon State Approving Agency to train veterans, servicemembers and reservists under provisions of Title 38, U. S. Code.

\*\*\*\*\*

All materials contained in this bulletin are true and correct in content and policy.

BULLETIN 2021-2022, effective *June 21, 2021*

Signature of School Certifying Official (SCO):  \_\_\_\_\_

Name: Tracy Heap, Klamath Community College (KCC) Director of Veterans Services



## **SCO, ADMINISTRATORS, AND FACULTY**

### **KCC Administrative Officials**

*Roberto Gutierrez, KCC President*  
*Tricia Fiscus, KCC Vice President of Administrative Services*  
*Jamie Jennings, KCC Vice President of Academic Affairs*  
*Christopher Stickles, KCC Dean of Career Technical Education*  
*Mohammed Shabbir, KCC Registrar*  
*Tracy Heap, KCC Director of Veterans Services, SCO*  
*James Scott, KCC Aviation Program Director*

### **Flight School**

*Precision Aviation Training, LLC (PAT)*

### **Flight School Directors**

*Alison Plummer, PAT Manager*

### **Flight School Administrative Officials**

*Matthew VanPelt, PAT Director of Training*  
*Alison Plummer, PAT General Manager*  
*Rachel Sexsmith, PAT Student Pilot Coordinator*

### **Instructors**

In accordance with FAR §141.55 the experience and qualification requirements for instructors teaching 141 flight and ground courses and a list of those personnel and relevant qualifications is listed in PAT's Annex A to all 141 Training Course Outlines (TCOs), Personnel and equipment. Annex A to be submitted upon any updated FAA approved revisions.

## **INSTRUCTIONAL FACILITIES**

A. The contracted school's facilities consists of administrative offices, classrooms, and a lobby at each location. An FAA Testing Facility is located at the Newberg location. Testing at the Klamath location is conducted at KCC. Ground training classrooms are detailed in PAT's Annex A 'Personnel and Equipment' to the relevant TCO and are equipped to meet educational needs. Restrooms are located nearby classrooms but are not ADA compliant.

B. Formal, in person ground training is conducted at all facilities of such quality that meets the requirements of FAR §141.5(d). Each instructor who is assigned to a ground training course must hold a flight or ground instructor certificate with the appropriate rating for that course of training and has been briefed on the objectives and standards of that course by the chief instructor, assistant chief instructor, or check instructor

## Aircraft Inventory

<u>Make</u>	<u>Model</u>	<u>Horse Power</u>	<u>Leased</u>	<u>Owned</u>	<u>Hourly Rates</u>	
					<u>Solo</u>	<u>Dual</u>
Cessna	C-172N/M	160/180	3		\$147	\$215
Piper	PA-23 Apache	150 (each engine)	1		\$299	\$367
Guimbal	Cabri G2	160	4		\$387	\$455
Redbird	TD2 BATD*	N/A		2	\$39	\$107

### **Instruction**

#### **Rates**

Airplane	\$68
Helicopter	\$68

\*For VA reporting purposes, the hours of training in approved aviation or flight training devices, systems, or simulators are considered dual flight training.

NOTE: Except for minor substitutions a veteran, servicemember, reservist or transfer of entitlement beneficiary enrolled in a flight course may train only in the aircraft (a/c) approved for that course. If a particular a/c is not available for some compelling reason, the student may be permitted to train in an a/c different from that approved for the course, provided the a/c substituted will adequately meet the training requirements for this particular phase of the course. If the charge for the substituted a/c is different from the charge approved for the inventoried a/c, the reimbursement will be based on the lesser charge.

## TUITION AND FEE SCHEDULE

KCC has submitted to the State Approving Agency (SAA) KCC's flight fee schedule for all Helicopter and Airplane Aviation degrees for the upcoming academic year. A breakdown of tuition costs and course fees for each flight course are included in this VIB.

The fee schedule must show the tuition charged for each class, the number of flight hours required for each class, the equipment to be used for the specific class, the per hour flight fee for the equipment being used, the total flight fees for the specific class, and any other fees associated with the class/or term, with a cumulative total of all tuition charges, and a cumulative total of all fees for each term clearly identified.

The cost of flight and ground courses are based upon required training hours as specified in the FAA approved TCO and Syllabus and Oregon Higher Education Coordinating Commission (Commission) degree plan.

FAA check rides and FAA tests are mandatory requirements for all students of the approved program of education and, as such, the cost of completing these are included in course fees.

There is a non-refundable Student I.D. fee that is charged each academic term and it will only be applied to one course in that academic term.

## CERTIFICATION OF AVIATION PROGRAMS

All VA students enrolled in an Aviation degree program must follow the curriculum approved by the Commission and the SAA with the intent of earning the degree in eight terms. The VA students must be making progress towards earning an AAS degree. They MUST enroll in and

complete a General Education course or a non-flight Aviation course each term along with flight Aviation courses unless the General Education courses have been completed by transfer credit.

In any one term, no more than 85% of the students enrolled in any of the degree programs can be VA students.

**INSTRUCTIONAL SCHEDULE**

Flight and Ground training is conducted Monday through Sunday (except national holidays unless prior arrangements are made) from 5:00 a.m. to 12:00 midnight (depending on the season).

**CREDIT EVALUATION POLICY**

A written record of any previous flight training will be maintained in the student’s file. **See Attachment 1.** The Aviation Program Director will grant credit, as appropriate, for previous flight training based on Federal Aviation Regulations. Any such credit will be applied to a student’s flight course with the appropriate reduction in time and cost. Any credit granted shall be indicated on the Enrollment Certification, and the course shortened proportionately, and the student shall be notified.

**GRADING, SATISFACTORY PROGRESS, AND INCOMPLETES**

Because the FAA mandates a higher passing mark for written and practical tests, your flight training courses will be the same. Below is the marking schedule for all written tests.

Flight and Ground Courses			
Rating	Percent	Grade	Score
Well Above Average	94-100%	A	1
Above Average	85-93%	B	2
Average	76-84%	C	3
Below Average	70-75%	D	4
Unsatisfactory	<70%	F	5

Practical and oral stage check tests are awarded a grade on completion (as opposed to a percentage). Students are permitted to fail one stage check flight per stage check, but must pass the re-test successfully. If the student fails the re-test of a stage check, the student will be awarded a grade of “F” for the course. Student 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.

Distance Education Aviation courses (not flight or ground training) use a different marking schedule for grading purposes:

Distance Education Aviation Courses	
Score	Grade
90-100%	A

80-89%	B
70%-79%	C
60-69%	D
0-59%	F

All aviation students must make satisfactory academic progress toward their educational goals. Students enrolled in the aviation degree programs must meet the Standards of Academic Progress (SAP) as outlined in the Financial Aid section of the KCC catalog. The Financial Aid and Academic SAP policy applies to all students attending KCC. The standards for SAP address academic warning, probation, and suspension from enrollment at KCC (please see the “Academic” Column in the chart that outlines actions for failure to meet SAP). SAP means maintaining a minimum term GPA of 2.00 and a 66.67% or higher completion rate. The completion rate is based on the number of credits that the student is enrolled in as of the published add/drop deadline. A grade of W, I, or F does not count as successful completion of a class. Klamath Community College will apply the Satisfactory Academic Progress Standards at the completion of the term after grades are posted.

Students may drop a course prior to the end of the first week of classes. Contact your Advisor or a KCC Veteran’s Representative to officially drop from the course.

If for any reason, a student must withdraw from their course, it is the student’s responsibility to do so by submitting a drop form. A grade of “W” will be assigned if the withdrawal occurs before the end of the eighth week of classes. If a student simply stops attending, rather than officially withdrawing, he or she will receive a grade of “F” for the course.

If the student does not complete all flight and ground course requirements by the end of the term, an Incomplete (I) may be issued. An incomplete grade MUST be completed within one term after the end of the term for which the “I” grade is received. If a student does not complete all the flight and ground courses by the end of the term for which the “I” grade is received, then the “I” grade will be changed to an “F”. Course completion grades will be submitted to the Registrar with a Grade Change Request form.

The SCO will not certify subsequent aviation flight course(s) until previously issued “I” grades have been satisfactorily resolved (i.e., grade of “C” or better). When the satisfactory change(s) have been submitted to the Registrar, the student should contact his/her advisor to request enrollment into the next aviation flight course(s) in the aviation degree program.

**PROFESSIONAL AVIATION CONDUCT**

KCC students conducting flight or ground training shall undertake the following:

- Be proactive in scheduling flight and ground lessons (at least 4 per week).
- Closely monitor your accounts for billing accuracy.
- Report any course problems to the KCC Aviation Program Director.
- Advise your flight instructor of any external influences that might affect your performance.
- Conduct yourself in a professional and courteous manner at all times.

All KCC aviation students are expected to demonstrate professional conduct and behavior. The student will, at all times, comply with Federal Aviation Regulations (FARs) and the Student Code of Conduct in the KCC Student Handbook. These rules are available to all

students. A lack of professional conduct may result in receipt of a failing grade for the flight or ground training course and possible suspension from the aviation program. Some examples of unprofessional conduct are:

- Lack of professionalism, courteousness, or integrity.
- Lack of preparation for flight and ground training lessons as prescribed by the assigned flight instructor.
- Lack of consistent flight and ground lesson attendance. Flying is a perishable skill; your success depends on regular flight and ground lesson attendance (4 times per week).
- Failure to appear for scheduled lessons or arriving habitually late for lessons.
- Failure to adhere to the rules prescribed by Precision’s aviation training policies and procedures.
- Failure to adhere to the rules prescribed by the Student Code of Conduct in the KCC Student Handbook.
- Intentional violation of FAA regulations.
- Careless or reckless operation of an aircraft.
- Any mental or physical condition (such as substance abuse) that, in the opinion of the Precision Director of Training, or the KCC Aviation Program Director, compromises the ability of the student to safely operate the aircraft.

### **SOLO FLIGHT TIME AND CARRYING PASSENGERS**

Passengers shall not be carried on any solo flights as specified in the Training Course Outline during any phase of training. “Solo” flight is defined as the pilot alone in the aircraft. “Pilot in Command” may be applied to the solo requirement provided only persons authorized by the school are on board the aircraft.

### **TRAINING SYLLABUS**

A student at the time of enrollment must receive a copy of the FSDO approved Training Course Outline (TCO) as required under FAR 141.55(b). Copies of the TCO are available in hard copy at each training location.

### **MAXIMUM COST OF PROGRAM**

The student’s percentage of eligibility for a veteran’s educational benefits is determined by the VA.

The cost of flight and ground courses are based upon the FAA’s TCO training hours and this VIB.

### **MEDICAL CERTIFICATION**

VA students may receive educational benefits for flight training provided that the individual also meets the medical requirements of a commercial pilot’s certificate. VA regulations require a student to hold a second-class medical certificate when the student begins a course in order to receive benefits for flight training. The requirement must be met when the student begins each course the student takes.

## **COURSE – TCO CORRELATION GUIDE**

The following table provides an overview of how each KCC course corresponds to its approved FAA Training Course Outline.

Course	Part 141 TCO's	Ground Stages	Flight Stages
200F/200G	Instrument Rating, Rotorcraft - Helicopter	I, II, III	I, II, III
205F/205G	Commercial Pilot, Rotorcraft – Helicopter (Reduced Hours)	I, II, III	I, II, III
210F/210G	Certified Flight Instructor, Rotorcraft - Helicopter	I, II	I, II
215F/215G	Certified Flight Instructor – Instrument, Rotorcraft - Helicopter	I, II	I, II
202f/202g	Instrument Rating Airplane, Single Engine Land	I, II, III	I, II, III
207F/207G	Commercial Pilot Airplane, Single Engine Land (Reduced Hours)	I, II	I, II
212F/212G	Certified Flight Instructor – Airplane	I, II	I, II
217F/217G	Certified Flight Instructor Instrument - Airplane	I, II	I, II

## **Aviation Helicopter AAS**

### **Two-Year 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:

- 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.
- Summarize the test standards and information in order to pass the FAA checkride and obtain: private pilot cert, instrument rating, commercial pilot cert, certified flight instructor cert, and certified flight instructor instrument rating.
- Explain aviation regulations and how they pertain to airport operating procedures, crew rest requirements, general operating flight rules, and flight operations.

### **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.

### **Program 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

## **Required Courses**

### **Student Success**

CGS 100 - College Survival & Success 3.00 credits

### **Communications**

#### **Information Systems**

CAS 133 - Intro to Computing Skills 3.00 credits

CAS 133L - Intro to Computing Skills Lab 1.00 credit

#### **Oral Communications**

Students must select one of the following courses to complete this general education requirement.

SPE 111 - Fundamentals of Speech 3.00 credits or

SPE 111M - Fundamentals of Speech 5.00 credits or

SPE 214 - Interpersonal Communication 3.00 credits

#### **Writing**

Students must select one course in this requirement. 4.00 credits

WRI 117 - Intro to Technical Communication 4.00 credits or

WRI 121 - English Composition I 4.00 credits or

WRI 121M - English Composition I 5.00 credits

### **Computation**

Students must select one course in this requirement. 4.00 credits

MTH 060 - Elementary Algebra I 4.00 credits and

MTH 065 - Elementary Algebra II 4.00 credits or

MTH 070 - Elementary Algebra 4.00 credits or

MTH 095 - Intermediate Algebra 4.00 credits or

MTH 105 - Math in Society 4.00 credits or

MTH 105M - Math in Society 5.00 credits or

MTH 111 - College Algebra 5.00 credits

### **Social Sciences**

Students must select one course in this requirement. 3.00 credits

BUS 285 - Human Relations in Organizations 3.00 credits

PSY 101 - Psychology & Human Relations 3.00 credits

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

**Technical Core**

AVS 100 - Intro to Aviation 4.00 credits  
AVS 105 - Aviation Fundamentals 4.00 credits  
AVS 111F - Private Pilot I Flight - Helicopter 2.00 credits  
AVS 111G - Private Pilot I: Helicopter 3.00 credits  
AVS 116F - Private Pilot II Flight - Helicopter 1.00 credits  
AVS 116G - Private Pilot II - Helicopter 2.00 credits  
AVS 150 - Meteorology I 4.00 credits  
AVS 155 - Applied Aerodynamics 4.00 credits  
AVS 200F - Instrument Flight - Helicopter 3.00 credits  
AVS 200G - Instrument - Helicopter 4.00 credits  
AVS 205F - Commercial Flight - Helicopter 4.00 credits  
AVS 205G - Commercial - Helicopter 3.00 credits  
AVS 210F - Certified Flight Instructor Flight - Helicopter 1.00 credits  
AVS 210G - Certified Flight Instructor - Helicopter 4.00 credits  
AVS 215F - Certified Flight Instructor Instrument Flight - Helicopter 1.00 credits  
AVS 215G - Certified Flight Instructor Instrument - Helicopter 2.00 credits  
AVS 251 - Aviation Law & Regulations 4.00 credits  
AVS 252 - Human Factors 4.00 credits

**Aviation Electives**

Students must select five courses in this requirement. 15.00 credits  
AVS 120 - Aircraft Systems & Structures I: Airframe 3.00 credits  
AVS 125 - Aircraft Systems: Powerplant 3.00 credits  
AVS 140 - Intro to Unmanned Aerial Systems 3.00 credits  
AVS 254 - Aviation Safety 3.00 credits  
BUS 101 - Intro to Business 4.00 credits  
BUS 206 - Management Fundamentals 3.00 credits  
BUS 206M - Management Fundamentals 5.00 credits  
ECO 201 - Principles of Economics: Microeconomics 3.00 credits  
ECO 202 - Principles of Economics: Macroeconomics 3.00 credits

**INSTRUMENT RATING – Rotorcraft Helicopter**  
**(AVS 200F/200G: Instrument - Helicopter)**

**1. Course Description:** The student will obtain the knowledge, skills, and aeronautical experience necessary to meet the requirements for an instrument rating rotorcraft – helicopter. Covers fundamentals of instrument flight, operation, use and limitations of flight instruments, aircraft performance, aeronautical publications, Federal Aviation Regulations, instrument navigation, flight planning, radio procedures, weather, and all topics in accordance with Federal Aviation Regulations. Prerequisite: Private Pilot Rotorcraft-Helicopter Certificate.

**2. Entrance Requirements:** Hold at least a first or second-class medical certificate valid for second-class privileges and a Private Pilot Rotorcraft-Helicopter Certificate. A certification of enrollment under FAR Part 141 must be sent to the FAA for both the instrument rating and commercial pilot course. Demonstrated ability to read, write and understand the English language.

**3. Authorized Aircraft and Hourly Rates:**

AVS 200F/200G: Instrument - Helicopter					
	Cabri G2		Instructor		
	\$387.00		\$68.00		
45.0	Hours dual flight time	@	\$455.00	=	\$20,475.00
45.0	Hours ground training	@	\$68.00	=	\$3,060.00
11.0	Hours pre/post*	@	\$68.00	=	\$748.00
1	FAA Knowledge Test Fee	@	\$180.00	=	\$180.00
1	FAA Check-Ride Examiner Fee (Helo)	@	\$1,050.00	=	\$1,050.00
1	FAA Check-Ride Rental Fee (Helo)	@	\$550.00	=	\$550.00
<b>AVS 200F/200G COURSE FEE</b>					<b>\$26,063.00</b>
1	Aviation Insurance Fee	@	\$225.00	=	\$225.00
4	Tuition (4 Credits) Lecture	@	\$105.00	=	\$420.00
3	Tuition (3 Credits) Lecture/Lab	@	\$150.00	=	\$450.00
7	Facility Fee	@	\$9.00	=	\$63.00
7	Student Govt Fee	@	\$2.50	=	\$17.50
7	Tech Fee	@	\$8.00	=	\$56.00
1	Student ID Fee	@	\$5.00	=	\$5.00
<b>AVS 200F/200G TOTAL COURSE COST</b>					<b>\$27,299.50</b>

**4. Training Course Outline (TCO):** This course utilizes Precision Aviation Training’s FAA 141 approved Instrument Rating, Rotorcraft - Helicopter TCO and includes:

Ground Stages - I, II, and III                      and                      Flight Stages - I, II, and III

**5. Personal Equipment:** Textbooks, course manuals, computers, plotters, and charts are considered personal equipment and are not included in the total course cost listed above. Cost of these items will vary depending on the type selected.

\* Preflight briefings and postflight critiques (pre/post) – must be conducted in conjunction with an actual flight that is reimbursable for VA education benefits in order to be certified for

reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.

**COMMERCIAL PILOT CERTIFICATE – Rotorcraft Helicopter**  
**(AVS 205F/205G: Commercial - Helicopter)**

**1. Course Description:** The student will obtain the knowledge, skills, and aeronautical experience necessary to meet the requirements for a commercial pilot certificate (rotorcraft – helicopter). Includes in depth study of aerodynamic systems, performance, aeronautical charts, and regulations. Focus on helicopter flight maneuvers, cross-country flight procedures, and emergency maneuvers. Includes all solo requirements.

**2. Entrance Requirements:** Be at least 18 years of age at time of FAA check flight, hold at least a first or second-class medical certificate valid for at least second-class privileges, and a Private Pilot Rotorcraft-Helicopter Certificate. Demonstrated ability to read, speak, and understand the English language.

**3. Authorized Aircraft and Hourly Rates:**

AVS 205F/205G: Commercial - Helicopter					
	Cabri G2		Instructor		
	\$387.00		\$68.00		
39.0	Hours dual flight time	@	\$455.00	=	\$17,745.00
33.0	Hours solo flight time	@	\$387.00	=	\$12,771.00
35.0	Hours ground training	@	\$68.00	=	\$2,380.00
18.0	Hours pre/post*	@	\$68.00	=	\$1,224.00
1	FAA Knowledge Test Fee	@	\$180.00	=	\$180.00
1	FAA Check-Ride Examiner Fee (Helo)	@	\$1,050.00	=	\$1,050.00
1	FAA Check-Ride Rental Fee (Helo)	@	\$550.00	=	\$550.00
<b>AVS 205F/205G COURSE FEE</b>					<b>\$35,900.00</b>
1	Aviation Insurance Fee	@	\$225.00	=	\$225.00
3	Tuition (3 Credits) Lecture	@	\$105.00	=	\$315.00
4	Tuition (4 Credits) Lecture/Lab	@	\$150.00	=	\$600.00
7	Facility Fee	@	\$9.00	=	\$63.00
7	Student Govt Fee	@	\$2.50	=	\$17.50
7	Tech Fee	@	\$8.00	=	\$56.00
1	Student ID Fee	@	\$5.00	=	\$5.00
<b>AVS 205F/205G TOTAL COURSE COST</b>					<b>\$37,181.50</b>

**4. Training Course Outline (TCO):** This course utilizes Precision Aviation Training’s FAA 141 approved Commercial Pilot, Rotorcraft – Helicopter (Reduced Hours) TCO and include:

Ground Stages - I, II, and III                      and                      Flight Stages - I, II, and III

Note: The course is conducted in accordance with Code of Federal Regulations 14, Federal Aviation Regulations; Part 141, Appendix D – Commercial Pilot Certification Course with reduced hour provision in accordance with FAR 141.55.

**5. Personal Equipment:** Textbooks, course manuals, computers, plotters, and charts are considered personal equipment and are not included in the total course cost listed above. Cost of these items will vary depending on type selected.

\* Preflight briefings and postflight critiques (pre/post) – must be conducted in conjunction with an actual flight that is reimbursable for VA education benefits in order to be certified for reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.



reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.



\* Preflight briefings and postflight critiques (pre/post) – must be conducted in conjunction with an actual flight that is reimbursable for VA education benefits in order to be certified for reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.

## **Aviation Airplane AAS**

### **Two-Year Associate of Applied Science Degree**

The AAS Aviation Airplane program trains students to work as professional pilots in the air transportation 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 Airplane 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 AAS Aviation Airplane degree provides students with the mandatory flight hours along with industry-specified instruction.

Instruction takes place primarily 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:

- Perform calculations required for flight operations.
- Identify principles of flight pertaining to single-engine and multiengine fixed-wing aircraft.
- 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.
- Summarize the test standards and information in order to pass the FAA checkride and obtain: private pilot cert, instrument rating, commercial pilot cert, multiengine rating, certified flight instructor cert, certified flight instructor instrument rating, and multiengine instructor rating.
- Explain aviation regulations and how they pertain to airport operating procedures, crew rest requirements, general operating flight rules, and flight operations.

### **Admission Requirements**

Candidates considering the Aviation Airplane AAS 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 aviation program before they can begin ground and flight courses. All applicants who are accepted into the program will receive an orientation.

### **Program Requirements**

The Aviation Program Director will review candidates' academic history, transcripts from high school and/or college, 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 92 credits, with 21 credits of general education, 56 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: 92

### **Required Courses**

#### **Student Success**

CGS 100 - College Survival & Success 3.00 credits

#### **Communications**

##### **Information Systems**

CAS 133 - Intro to Computing Skills 3.00 credits

CAS 133L - Intro to Computing Skills Lab 1.00 credit

##### **Oral Communications**

Students must select one of the following courses to complete this general education requirement.

SPE 111 - Fundamentals of Speech 3.00 credits or

SPE 111M - Fundamentals of Speech 5.00 credits or

SPE 214 - Interpersonal Communication 3.00 credits

##### **Writing**

Students must select one course in this requirement. 4.00 credits

WRI 117 - Intro to Technical Communication 4.00 credits or

WRI 121 - English Composition I 4.00 credits or

WRI 121M - English Composition I 5.00 credits

##### **Computation**

Students must select one course in this requirement. 4.00 credits

MTH 060 - Elementary Algebra I 4.00 credits and

MTH 065 - Elementary Algebra II 4.00 credits or

MTH 070 - Elementary Algebra 4.00 credits or

MTH 095 - Intermediate Algebra 4.00 credits or

MTH 105 - Math in Society 4.00 credits or

MTH 105M - Math in Society 5.00 credits or

MTH 111 - College Algebra 5.00 credits

##### **Social Sciences**

Students must select one course in this requirement. 3.00 credits

BUS 285 - Human Relations in Organizations 3.00 credits

PSY 101 - Psychology & Human Relations 3.00 credits

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

### **Technical Core**

AVS 100 - Intro to Aviation 4.00 credits  
AVS 105 - Aviation Fundamentals 4.00 credits  
AVS 112F - Private Pilot I Flight - Airplane 2.00 credits  
AVS 112G - Private Pilot I - Airplane 3.00 credits  
AVS 117F - Private Pilot II Flight - Airplane 1.00 credit  
AVS 117G - Private Pilot II - Airplane 2.00 credits  
AVS 150 - Meteorology I 4.00 credits  
AVS 155 - Applied Aerodynamics 4.00 credits  
AVS 202F - Instrument Flight - Airplane 3.00 credits  
AVS 202G - Instrument - Airplane 4.00 credits  
AVS 207F - Commercial Flight - Airplane 5.00 credits  
AVS 207G - Commercial - Airplane 3.00 credits  
AVS 212F - Certified Flight Instructor Flight - Airplane 1.00 credit  
AVS 212G - Certified Flight Instructor - Airplane 4.00 credits  
AVS 217F - Certified Flight Instructor Instrument Flight - Airplane 1.00 credit  
AVS 217G - Certified Flight Instructor Instrument - Airplane 2.00 credits  
AVS 222 - Multiengine Instructor - Airplane 1.00 credit  
AVS 251 - Aviation Law & Regulations 4.00 credits  
AVS 252 - Human Factors 4.00 credits

### **Aviation Electives**

Students must select five courses in this requirement. 15.00 credits  
AVS 120 - Aircraft Systems & Structures I: Airframe 3.00 credits  
AVS 125 - Aircraft Systems: Powerplant 3.00 credits  
AVS 140 - Intro to Unmanned Aerial Systems 3.00 credits  
AVS 254 - Aviation Safety 3.00 credits  
BUS 101 - Intro to Business 4.00 credits  
BUS 206 - Management Fundamentals 3.00 credits  
BUS 206M - Management Fundamentals 5.00 credits  
ECO 201 - Principles of Economics: Microeconomics 3.00 credits  
ECO 202 - Principles of Economics: Macroeconomics 3.00 credits

**INSTRUMENT RATING – Airplane (SEL)**  
**(AVS 202F/202G: Instrument - Airplane)**

**1. Course Description:** The student will obtain the knowledge, skills, and aeronautical experience necessary to meet the requirements for an Instrument Rating (Airplane - Single Engine Land). Covers fundamentals of instrument flight, operation, use and limitations of flight instruments, aircraft performance, aeronautical publications, Federal Aviation Regulations, instrument navigation, flight planning, radio procedures, weather, and all topics in accordance with Federal Aviation Regulation.

**2. Entrance requirements:** Hold at least a first or second-class medical certificate valid for second-class privileges and a Private Pilot Airplane (SEL) Certificate. A certification of enrollment under FAR Part 141 must be sent to the FAA for both the instrument rating and commercial pilot course. Demonstrated ability to read, write and understand the English language.

**3. Authorized Aircraft and Hourly Rates:**

AVS 202F/202G: Instrument - Airplane					
	C-172N/M	TD2 BATD	Instructor		
	\$147.00	\$39.00	\$68.00		
33.8	Hours dual flight time	@	\$215.00	=	\$7,267.00
11.2	Hours simulator	@	\$107.00	=	\$1,198.40
45.0	Hours ground training	@	\$68.00	=	\$3,060.00
11.0	Hours pre/post*	@	\$68.00	=	\$748.00
1	FAA Knowledge Test Fee	@	\$180.00	=	\$180.00
1	FAA Check-Ride Examiner Fee (FW)	@	\$950.00	=	\$950.00
1	FAA Check-Ride Rental Fee (FW)	@	\$220.00	=	\$220.00
<b>AVS 202F/202G COURSE FEE</b>					<b>\$13,623.40</b>
1	Aviation Insurance Fee	@	\$225.00	=	\$225.00
4	Tuition (4 Credits) Lecture	@	\$105.00	=	\$420.00
3	Tuition (3 Credits) Lecture/Lab	@	\$150.00	=	\$450.00
7	Facility Fee	@	\$9.00	=	\$63.00
7	Student Govt Fee	@	\$2.50	=	\$17.50
7	Tech Fee	@	\$8.00	=	\$56.00
1	Student ID Fee	@	\$5.00	=	\$5.00
<b>AVS 202F/202G TOTAL COURSE COST</b>					<b>\$14,859.90</b>

**4. Training Course Outline (TCO):** This course utilizes Precision Aviation Training’s FAA 141 approved Instrument Rating Airplane, Single Engine Land TCO and includes:

Ground Stages - I, II, and III                      and                      Flight Stages - I, II, and III

**5. Personal Equipment:** Textbooks, course manuals, computers, plotters, and charts are considered personal equipment and are not included in the total course cost listed above. Cost of these items will vary depending on the type selected.

\* Preflight briefings and postflight critiques (pre/post) – must be conducted in conjunction with an actual flight that is reimbursable for VA education benefits in order to be certified for reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.

**COMMERCIAL PILOT CERTIFICATE - Airplane (SEL/MEL)**  
**(AVS 207F/207G: Commercial - Airplane)**

**1. Course Description:** The student will obtain the knowledge, skills, and aeronautical experience necessary to meet the requirements for a Commercial Pilot Certificate (Airplane - Single Engine Land and Multiengine Land). Includes in-depth study of single and multiengine aerodynamics, complex aircraft operations, propeller feathering, V-speeds, human factors, crew resource management, and FAA regulations for commercial pilots. Focus on airplane flight maneuvers, cross country flight procedures, one engine inoperative, and emergency maneuvers. Includes all solo requirements.

Note: Multiengine experience requirement met within the complex portion of the TCO.

**2. Entrance Requirements:** Be at least 18 years of age at time of FAA check flight, hold at least a first or second-class medical certificate valid for at least second-class privileges, and a Private Pilot Airplane (SEL) Certificate. Demonstrated ability to read, speak, and understand the English language.

**Note:** Students must possess an Instrument Rating before being allowed to take the Commercial Pilot check ride.

**3. Authorized Aircraft and Hourly Rates:**

AVS 207F/207G: Commercial - Airplane					
	C-172N/M	PA-23	Instructor		
	\$147.00	\$299.00	\$68.00		
34.0	Hours dual/PDPIC flight time	@	\$215.00	=	\$7,310.00
13.0	Hours dual flight time (complex ME)	@	\$367.00	=	\$4,771.00
33.0	Hours solo flight time	@	\$147.00	=	\$4,851.00
35.0	Hours ground training	@	\$68.00	=	\$2,380.00
20.0	Hours pre/post*	@	\$68.00	=	\$1,360.00
1	FAA Knowledge Test Fee	@	\$180.00	=	\$180.00
1	FAA Check-Ride Examiner Fee (FW)	@	\$950.00	=	\$950.00
1	FAA Check-Ride Rental Fee (FW)	@	\$220.00	=	\$220.00
1	FAA Check-Ride Examiner Fee (ME)	@	\$950.00	=	\$950.00
1	FAA Check-Ride Rental Fee (ME)	@	\$448.50	=	\$448.50
<b>AVS 207F/207G COURSE FEE</b>					<b>\$23,420.50</b>
1	Aviation Insurance Fee	@	\$225.00	=	\$225.00
3	Tuition (3 Credits) Lecture	@	\$105.00	=	\$315.00
5	Tuition (5 Credits) Lecture/Lab	@	\$150.00	=	\$750.00
8	Facility Fee	@	\$9.00	=	\$72.00
8	Student Govt Fee	@	\$2.50	=	\$20.00
8	Tech Fee	@	\$8.00	=	\$64.00
1	Student ID Fee	@	\$5.00	=	\$5.00
<b>AVS 207F/207G TOTAL COURSE COST</b>					<b>\$24,871.50</b>

**4. Training Course Outline (TCO):** This course utilizes Precision Aviation Training's FAA 141 approved Commercial Pilot Airplane, Single Engine Land (Reduced Hours) TCO and includes:

Ground Stages – I and II                      and                      Flight Stages – I and II

Note: The course is conducted in accordance with Code of Federal Regulations 14, Federal Aviation Regulations; Part 141, Appendix D – Commercial Pilot Certification Course with reduced hour provision in accordance with FAR 141.55.

**5. Personal Equipment:** Textbooks, course manuals, computers, plotters, and charts are considered personal equipment and are not included in the total course cost listed above. Cost of these items will vary depending on the type selected.

\* Preflight briefings and postflight critiques (pre/post) – must be conducted in conjunction with an actual flight that is reimbursable for VA education benefits in order to be certified for reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.



\* Preflight briefings and postflight critiques (pre/post) – must be conducted in conjunction with an actual flight that is reimbursable for VA education benefits in order to be certified for reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.



\* Preflight briefings and postflight critiques (pre/post) – must be conducted in conjunction with an actual flight that is reimbursable for VA education benefits in order to be certified for reimbursement by VA. Not to be confused with ground school which is formal class training to prepare students to take the FAA written exam for that course.

**PROOF OF ISSUE**

I have received a copy of the Veterans Information Bulletin VIB 2021-2022, effective June 21, 2021, containing the rules, regulations, and costs for flight courses and a copy of the FAA approved Training Course Outline for the specific course in which I have enrolled.

NAME: \_\_\_\_\_

KCC ID Number: \_\_\_\_\_

Course: \_\_\_\_\_

KCC Representative: \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(Must be signed by student and a copy retained in training file)

**Attachment 1**  
**Klamath Community College Aviation Program**  
**Guide for Previous Flight Training**

<b>Prior Flight Training without the issuance of an FAA pilot certificate.</b>	
Some previous flight training can be counted towards the earning of a certificate in accordance with FAR Part 61. Actual amount depends on the license being sought.	Nil Credits awarded.
<b>FAA Pilot Certification held in the same category of the Program.</b> E.g. Private Rotorcraft Pilot enrolling in Helicopter Program.	
<b>From an accredited Institution</b>	
Any Courses credited in full. No maximum limit of credits given. Value of credit awarded will be that of KCC course – not that being transferred.	
<b>From a non-accredited Institution</b>	
Private Pilot Certificate - Rotorcraft	Credit awarded for AVS 105 (4), AVS 111F (2), AVS 111G (3), AVS 116 F (1), AVS 116 G (2)
Private Pilot Certificate - Airplane	Credit awarded for AVS 105 (4), AVS 112F (2), AVS 112G (3), AVS 117F (1), AVS 117G (2)
Instrument Rating Certificate - Rotorcraft	Credit awarded for AVS 200F (3), AVS 200G (4)
Instrument Rating Certificate - Airplane	Credit awarded for AVS 202F (3), AVS 202G (4)
Commercial Pilot Certificate - Rotorcraft	Credit awarded for AVS 205F (4), AVS 205G (3)
Commercial Pilot Certificate - Airplane	Credit awarded for AVS 207F (5), AVS 207G (3)
Certified Flight Instructor Certificate - Rotorcraft	Credit awarded for AVS 210F (1), AVS 210G (4)
Certified Flight Instructor Certificate - Airplane	Credit awarded for AVS 212F (1), AVS 212G (4)
Certified Flight Instructor Instrument Certificate – Rotorcraft	Credit awarded for AVS 215F (1), AVS 215G (2)
Certified Flight Instructor Instrument Certificate – Airplane	Credit awarded for AVS 217F (1), AVS 217G (2)
Multiengine Instructor Certificate - Airplane	Credit awarded for AVS 222 (1)
Because of the graduated certification system used by the FAA, any credit awarded for an FAA Pilot Certificate will include credit for the lower certification up to a maximum of 31 credits.	
Note: A student can complete the AAS program with KCC and transfer the credit back to their original institution for graduation – which is a better use of prior learning credit for those further along. You must obtain at least 24 credits from KCC to graduate under their guise.	