PROGRAM DESCRIPTION
The Aviation program trains individuals to work as professional pilots in the air transportation industry. The opportunities in the pilot career field are fascinating and many, and include piloting a commercial airliner, flying for a corporation providing a service to the leaders of the company, flying as a charter pilot taking passengers point-to-point, and providing flight instruction to new pilot students.

Students in the AAS Aviation degree program must earn FAA pilot certificates and ratings which require flight and simulator training as outlined below. Students in the airplane track will earn Private Pilot and Commercial Pilot certificates (single and multiengine land), the Instrument rating, and the Multiengine rating. The final step in the training is to earn the FAA certified flight instructor certificate/ratings (CFI, CFII, MEI).

Students in the helicopter track will earn the Private Pilot and Commercial Pilot certificates, the Instrument rating, and certified flight instructor certificate/rating (CFI, CFII).

The AAS degree will only be awarded when the required courses have been successfully completed and the following certificates and ratings are obtained: Commercial Pilot certificates, and Instrument and Multiengine (airplane) ratings.

COST OF PROGRAM
In addition to standard tuition, student fees and textbooks, students should anticipate the following program costs:

- Current cost of approximately 235 airplane or 200 helicopter hours of flight training and 50 hours of training time in our FAA-approved flight simulator (which will reduce the total cost by reducing the amount of flight time). See the Aviation program director, 541-318-3736 or online at http://aviation.cocc.edu, for the current estimated cost of training.
- Students who do not become proficient in the time covered by the flight fees charged may incur additional flight training fees, which they will pay directly to the flight provider.
- All fees for the term must be paid in full by 5 p.m. on Friday of the second week of the term. Students will be dropped from flight course(s) if fees are not paid on time.
- Simulator fees will not be refunded.
- Used portions of flight fees are non-refundable.
- Pilot headset, approximately $350.
- FAA airmen knowledge exams, $150 per flight certificate/rating ($1,350).

Airplane
- FAA Designated Pilot Examiner fees, $400 per flight certificate/rating ($3,200).

Helicopter
- FAA Designated Pilot Examiner fees, $750 per flight certificate/rating ($3,750).

PROGRAM PREPARATION AND PREREQUISITES
Pilots are credentialed by the Federal Aviation Administration (FAA) based on Title 14 Code of Federal Regulations. Specific requirements for each pilot certificate/rating are listed in Part 61: Certification: Pilots and Instructors, and may be found in a current copy of the Federal Aviation Regulations/Aeronautical Information Manual (FAR/AIM), or online at www.faa.gov.

Pilots are required to meet specific medical requirements and must possess an appropriate class of medical certificate obtained from an FAA-approved aviation medical examiner (AME) before exercising the privileges of a pilot in command for the level of pilot certificate required. Specific requirements for class and duration of medical certificates may be found in the FAR Part 61, Paragraph 61.23, or online at www.faa.gov.

Students who enroll in this course of study must have a valid FAA Medical Certificate and a student pilot certificate. The medical exam must be conducted by a doctor designated by the FAA as an Aviation Medical Examiner. Incoming students in the professional pilot program are encouraged to obtain at least a second-class medical certificate prior to entry into the program to ensure that they can eventually pursue a career in commercial aviation.

The medical application form will ask the applicant’s prior medical history, prior DUU/DUUI, any record of alcohol or substance abuse, and any history of non-traffic misdemeanors or felonies.

MINIMUM GPA OR GRADE REQUIREMENTS
- All FAA airmen knowledge exams must be passed with a minimum score of 70 percent.
- All aviation courses must be completed with a “C” grade or better.
- Graduates must have an overall 2.0 GPA or better.

REGISTRATION INFORMATION
The Aviation program accepts new students every term. Applicants should contact the program director, 541-318-3736 or other aviation advisor before applying.

Applicants must arrange their finances to ensure they can pay for the flight training. Financial aid is available, but it will not cover the total cost of the program.

The Aviation program is approved for veteran’s benefits and other federal financial aid.
PROGRAM STANDARDS
Students must maintain a minimum 2.0 GPA while enrolled in the program. Students who do not maintain this standard may be dismissed from the program.

Reinstatement to the program is never automatic. A student must apply for re-determination of eligibility by completing a training plan with their COCC advisor.

Students must be prepared to fly three to four days per week in order to maintain the rigorous schedule that is required in order to complete the flight training in a timely manner. Students who fall behind without justifiable reasons may be dismissed from the program and their flight training fees will be returned to whomever paid the fees, i.e., the financial aid office, the Department of Veterans Affairs or the individual (for private-pay students).

Students using veterans benefits who fail to complete a flight lab may be required to pay the Department of Veterans Affairs back for the entire cost of the course.

NATIONAL/STATE LEGAL ELIGIBILITY OR UNIQUE REQUIREMENTS FOR LICENSURE AND/OR ENTRY INTO OCCUPATION, OR ADVANCEMENT IN THE OCCUPATION
- Pilots are credentialed by the Federal Aviation Administration and must meet the requirements of the Federal Aviation Regulations to qualify for the pilot certificates/ratings.
- FAA medical certificate required prior to beginning flight training.
- Student Pilot certificate required prior to beginning flight training.
- The FAA requires applicants pass an airmen knowledge exam for pilot certificates/ratings. Those exams are administered by a third party company and a $150 testing fee is required.
- Pilot certificates/ratings are issued after an applicant passes a practical exam (ground oral exam and flight check) administered by a designated pilot examiner (DPE) who will charge a fee for that exam.

Pilot certificates/ratings available:
- Private Pilot (Airplane or Helicopter)
- Instrument (Airplane or Helicopter)
- Multiengine (Airplane)
- Commercial (Airplane or Helicopter)
- Single engine (Airplane)
- Multiengine (Airplane)
- Certified Flight Instructor
- CFI (Airplane or Helicopter)
- CFII (Airplane or Helicopter)
- MEI (Airplane)
- Air Transport Pilot (ATP). (Not currently offered at COCC.)

TRANSFER INFORMATION
Airplane students in particular should plan to transfer to an institution granting bachelor’s degrees to enhance employment opportunities. Therefore, the program works with several universities for transfer options.

The AAS degree is designed to train the student as a professional pilot.

Universities that have an aviation bachelor’s degree (Utah Valley University, Embry-Riddle Aeronautical University, etc.) will often accept the majority of these credits toward their degree.

An Associate of Science (AS) degree is available and selective courses can be taken to maximize the transferability of credits. For information about the AS transfer degree, contact the Aviation program director, 541-318-3736.
AVIATION
AVIATION, PROFESSIONAL PILOT – HELICOPTER
Associate of Applied Science (AAS) Degree
93 credits

See preceding pages 82-83 for information about the following:
• Program Description
• Cost of program
• Program preparation and prerequisites
• Minimum GPA or grade requirements
• Registration information
• Program Standards
• National/state legal eligibility or unique requirements for licensure and/or entry into occupation, or advancement in the occupation
• Transfer information

DEGREES AS AWARDED ON TRANSCRIPT
Associate of Applied Science, Aviation – Helicopter

PROGRAM COURSE REQUIREMENTS
General education/foundational requirements

Communication
WR 121 English Composition 4

Computation
MTH 85 Technical Mathematics I 4
or MTH 111 College Algebra (or higher)

Human Relations
SP 111 Fundamentals Public Speaking 3
or SP 218 Interpersonal Communication
or SP 219 Small Group Communication

Computer skills
CIS 120 Computer Concepts 0-4

General education/discipline studies
Complete a minimum of nine credits of discipline studies courses, pages 49 and 50. The courses must be outside of the AAS program area and each must have a different prefix.

Business
BA 206 Fundamentals of Management 4
or BA 101 Introduction to Business

PROGRAM REQUIREMENTS
All Aviation courses must be completed with a “C” grade or better.

HELICOPTER AAS
AV 101 Introduction to Aviation 3
AV 104 Introduction to Aircraft Systems 4
AV 108 Meteorology 4
AV 115 Private Pilot-Helicopter 5
AV 117 Helicopter Fundamentals 3
AV 150 Aerodynamics 4
AV 200 Aviation Law 3
or AV 201 Airport Management 3
AV 208 Meteorology II 4

AV 215 Instrument-Airplane 5
AV 225 Commercial Pilot-Airplane 5
AV 235 Human Factors 1
AV 245 Advanced Helicopter Operations 4
AV 246 Aviation Safety 1
AV 255 Cert Flight Instructor Ground 1

Helicopter Flight Labs
(Select 10 credits from the following list. See aviation adviser for individual recommendations. Labs may be repeated for separate credit.)

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<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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<tr>
<td>AV 227A</td>
<td>Helicopter Professional Pilot Flt Lab</td>
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<tr>
<td>AV 227B</td>
<td>Helicopter Professional Pilot Flt Lab</td>
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<td>AV 227C</td>
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<td>AV 227N</td>
<td>Helicopter Professional Pilot Flt Lab</td>
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</tbody>
</table>

Footnotes
1 May be taken in any order, in any term, and may be taken before, with, or after the flight courses.
2 Must be taken as the first flight course. May be taken any term.
3 Flight fees, simulator fees, and FAA testing fees are required in addition to normal tuition for all flight labs and must be paid by the end of the second week of the term. Students will be dropped at that time for nonpayment of fees. Used portion of flight fees are not refundable. The fee structure is available on the Aviation website (http://aviation.cocc.edu). Contact the Aviation program director, 541-318-3736, for more information.
4 May be taken in any sequence, in any term.
5 Can be taken next in any sequence, together or separately, in any term.Earning the commercial pilot certificate is not dependent upon the instrument and multiengine ratings; however, pilots commonly include those ratings inside the total hours required for the commercial certificate in order to reduce the cost.
6 Helicopter students will take 10 credits of AV 227, Helicopter Professional Pilot Flight Labs. The labs can be taken in any term. Labs are repeatable. See your Aviation advisor for scheduling sequence.