AVIATION FLIGHT TECHNOLOGY

ONE-YEAR CERTIFICATE: AVIATION FLIGHT TECHNOLOGY – MINIMUM 51 CREDITS

CAREER DESCRIPTION

This program prepares students with knowledge, skills, experience, and certification necessary to enter careers in flight instruction, general aviation, business aviation, corporate aviation, airlines, military aviation and more. On completion of one-year certificate, students will have their private pilots license. Students are encouraged to continue on to OSU or Embry-Riddle University to complete a 4-year degree with an emphasis in Aerospace Leadership Concentration through the School of Education. Expect additional fees.

PROGRAM OUTCOMES

This program prepares students with knowledge, skills, experience, and certification necessary to enter careers in flight instruction, general aviation, business aviation, corporate aviation, airlines, military aviation and more. On completion of one-year certificate, students will have their private pilots license. Students are encouraged to continue on to OSU to complete a 4-year degree with an emphasis in Aerospace Leadership Concentration through the School of Education.
ONE-YEAR CERTIFICATE — Aviation Flight Technology

Minimum 51 Credits — Recommended Sequence for Students (Students should see an advisor to customize their educational plan.)

**Fall**
- Private Pilot — Ground School
  - Required lab
  - AV 110  5 CR
- Flight Hours (Dual)
  - AV 121*, 122*  1-2 CR
- Flight Hours (Solo)
  - AV 123*, 124*  1-2 CR
- Introduction to Computer Information Systems
  - CIS 120  4 CR
- Intermediate Algebra
  - MTH 095  4 CR
- Coop. Work Experience
  - Aviation-optional
  - AV 280  1 CR

**Winter**
- Aircraft Systems I
  - AV 104  4 CR
- Aviation Meteorology
  - AV 108  4 CR
- College Algebra
  - MTH 111  5 CR
- English Composition: Intro to Argument
  - WR 121  4 CR
- Humanities or PE Elective
  - 1-3 CR
- Flight Hours (Dual)
  - AV 121*  1 CR
- Coop. Work Experience
  - Aviation-optional
  - AV 280  1 CR

**Spring**
- Instrument Pilot
  - Required lab
  - AV 210  5 CR
- Flight Hours (Dual)
  - AV 121*  1 CR
- Aerodynamics
  - AV 150  5 CR
- Wellness & Health Assessment
  - HPE 295  3 CR
- Psychology of Human Relations
  - PSY 101  3 CR

**Credits**
- Fall  18-21
- Winter  18-20
- Spring  17-18

**NOTES**
Scheduling requirements may prevent all courses from being offered every term. Consultation with an advisor is critical to student’s selection of courses. Consultation with an advisor is critical to student’s selection of courses. Please see an advisor for a degree planning worksheet for this program.

*AV 121, 122, 123, 124 Flight Hours are dependent on weather. Courses must be taken in succession—may take more than one term to complete each course. Courses are offered each term to ensure students are able to meet minimal requirements of 4 credits of flight hours for private pilot certificate.
AVIATION FLIGHT TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE: AVIATION FLIGHT TECHNOLOGY – MINIMUM 103 CREDITS

CAREER DESCRIPTION
An Associates of Applied Science degree is awarded upon successful completion of 98 credit hours (see facing page). These include 52 credits of Aviation courses with additional credits and time needed for flight school.

This degree prepares the students to continue into a career as a commercial pilot. Students are encouraged to continue their education at two colleges UCC has been articulating with: Embry Riddle University (Prescott, AZ or Daytona Beach, FL) or Oregon State University (Corvallis, OR). Note: Placement scores indicating Math 100 or higher is required for entry into this program.

APPLICATION & ACCEPTANCE
Students entering the program are expected to have basic keyboarding and computer skills with business application software such as Word and Excel. If you do not have these basic skills, you should take Introduction to Computer Information Systems (CIS120) during your first term at UCC. Placement scores indicating MTH 020 or higher and WR 115 or higher are required for entry into the program.

PROGRAM OUTCOMES
This program prepares students with knowledge, skills, experience, and certification necessary to enter careers in flight instruction, general aviation, corporate aviation, airlines, military aviation and more. On completion of the one-year certificate, students will be prepared to take FAA licensure tests. Students are encouraged to complete a 4-year degree.
ASSOCIATE OF APPLIED SCIENCE — Aviation Flight Technology

Minimum 103 Credits — Recommended Sequence for Students (Students should see an advisor to customize their educational plan.)

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<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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<tbody>
<tr>
<td>AV 110 5 CR</td>
<td>AV 104 4 CR</td>
<td>AV 210 5 CR</td>
<td>AV 220 5 CR</td>
<td>AV 230 5 CR</td>
<td>AV 235 4 CR</td>
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<tr>
<td>Careers in Aviation</td>
<td>Aviation Meteorology</td>
<td>Aerodynamics</td>
<td>*Flight Hours (Dual)</td>
<td>Advanced Aircraft Systems II</td>
<td>CFI Ground School</td>
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<td>AV 108 4 CR</td>
<td>AV 150 5 CR</td>
<td>AV 121 1 CR</td>
<td>AV 204 4 CR</td>
<td>AV 256 5 CR</td>
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<tr>
<td>*College Algebra</td>
<td>*Flight Hours (Dual)</td>
<td>*Flight Hours (Dual)</td>
<td>Aviation Meteorology Applications</td>
<td>*Flight Hours (Dual)</td>
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<tr>
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<td>AV 121 1 CR</td>
<td>AV 121 1 CR</td>
<td>AV 208 4 CR</td>
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<tr>
<td>English Composition: Intro to Argument</td>
<td>English Composition: Style and Argument</td>
<td>**Introduction to Probability &amp; Statistics</td>
<td>Economics</td>
<td>Economics</td>
<td>Fundamentals of Public Speaking</td>
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<tr>
<td>WR 121 4 CR</td>
<td>WR 122 4 CR</td>
<td>MTH 243 5 CR</td>
<td>ECON 201 3 CR</td>
<td>ECON 202 3 CR</td>
<td>SP 111 4 CR</td>
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<td>*Flight Hours (Dual)</td>
<td>Humanities Elective</td>
<td>Coop. Work Experience: Aviation - optional</td>
<td>Small Business in Aviation OR</td>
<td>Management Fundamentals</td>
<td>Physical Science</td>
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<tr>
<td>AV 123, AV 124 1-2 CR</td>
<td>3 CR</td>
<td>AV 280 1 CR</td>
<td>AV 240 4 CR</td>
<td>BA 206 3 CR</td>
<td>GS 104 4 CR</td>
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**A grade of C or better must be attained in the courses indicated. Students planning to attend Embry-Riddle Aeronautical University need to add the following courses: BA 211 Principles of Accounting I (3) and concurrent enrollment in BA 128 (2)