To: UGCC members

From: Victoria Dunbar, College of Aeronautics

Re: Adding an Online AA degree
Adding a new course, AVT 1200
Changing graduate requirements in two degrees, 7102 and 7113
Changing various co/prerequisites
Adding the SS designation to AHF 1101 and AHF 3101

Date: November 13, 2015

The College of Aeronautics is requesting Undergraduate Curriculum Committee approval for the following:

1. Adding a new online AA degree in Aviation Management. The courses in this new AA degree are already developed and are in use as part of the online BA in Aviation Management.

2. Adding a new course, AVT 1200 Introduction to Aircraft Systems (3 credits). We teach a turbine systems class but we do not (currently) teach a reciprocating engine course. All our flight students learn in reciprocating aircraft and need to have a better understanding of the systems, including the engine, cooling systems, propellers, fuel systems, electrical systems, hydraulics, and pneumatics, commonly found in piston powered aircraft. This three credit course will replace 3 (1 credit) courses that were required in the second semester of the freshman year. It does not add any credits to the degree.

3. With the new aircraft systems class AVT 1200, it is necessary to change two of the flight degrees: 7102 and 7113. Each degree is changed in the same manner, AVT 1200 Aircraft Systems is replacing the three (1 credit) courses that are currently listed in the second semester of the freshman year. The updated flow sheets are attached in the documentation.

4. We have the approval of both Dr. Koksal and Dr. Taylor to grant two of our AHF courses the SS designation. Those two courses are AHF 1101 Introduction to Aviation Psychology, and AHF 3101 Introduction to Human Factors. The email trail is included in the documentation provided in this packet.

5. We have 5 courses that need modifications to the co/prerequisite requirements. These are courses that we have historically needed to waive the requirements and the students have always performed well.
Florida Institute of Technology

ADDING A NEW MAJOR OR MINOR TO THE CURRICULUM

Please provide the following information when requesting a new major or minor (program or option) to be added to the curriculum. Only new majors, minors, and options are assigned a new code and print on the diploma. The code will be assigned by the Office of the Registrar and information emailed to all appropriate personnel.

COLLEGE: Aeronautics

DELIVERY MODE(S): ONLINE (classroom, online)

DEPARTMENT: Aeronautics

CAMPUS/SITE(S):

PROGRAM TO BE ADDED:

☐ Major ☐ Minor ☐ Option for ___________________________ (existing degree program)

NOTE: Only Majors, Minors and Options receive new codes and print on the diploma; use Option for new program name to appear with existing degree name.

☐ Associate of Arts (A.A.)

☐ Master of Business Administration (M.B.A.)

☐ Educational Specialist (Ed.S.)

☐ Associate of Science (A.S.)

☐ Master of Education (M.Ed.)

☐ Doctor of Business Administration (DBA)

☐ Bachelor of Arts (B.A.)

☐ Master of Public Administration (M.P.A.)

☐ Doctor of Philosophy (Ph.D.)

☐ Bachelor of Science (B.S.)

☐ Master of Science (M.S.)

☐ Doctor of Psychology (Psy.D.)

☐ Master of Arts (M.A.)

☐ Master of Science in Aviation (M.S.A.)

☐ Graduate Certificate

OTHER ADDITION TO THE CURRICULUM (NOTE: Only Majors, Minors and Options receive new codes and print on the diploma; use Concentration or Specialization if the new program represents less than a full degree curriculum.)

☐ Concentration or ☐ Specialization for ___________________________ (existing degree program)

PROGRAM TITLE: Restricted to 30 characters, including spaces

Aviation Management

TERM TO BE INITIATED: Fall 2016

ADVISOR FOR NEW PROGRAM: Ismael Cremer

(Date program to be initiated must be no sooner than the next term for which registration has not begun)

ROUTING APPROVALS: 1) Department head/program chair and college dean approve and sign form. 2) The associate vice president for institutional compliance reviews and signs form. 3) The executive vice president or his designee approves business plan of the program in terms of financial viability and impact on the university mission and signs form. 4) Undergraduate Curriculum Committee or Graduate Council approves academics and signs form. 5) The executive vice president or his designee gives final approval of program, signs form and forwards to Office of the Registrar.

1) [Signature] Date 11/5/15

2) [Signature] Date 11/12/15

3) [Signature] Date 11/13/15

4) [Signature] Date

5) [Signature] Date

REGISTRAR'S USE ONLY

FSA ATLAS

SOARREF

SMAPRLE

STMMAJR

SOACURR

Major Code Assigned

GWSDMIX

CIPC Code

Operator Initials/Date

DISTRIBUTION

Original – Registrar

Copy – Academic Unit

Florida Institute of Technology • Office of the Registrar

150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-1 ext. • Fax (321) 674-7827

General Information – ext. 8115, Graduation – ext. 8116, Records and Transcripts – ext. 8117, Registration – ext. 8118

R33-160-4049
## A.A. in Aviation Management

### Program Description

Associates Degree in Aviation Management

#### Core Aviation (18)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVM 1000</td>
<td>Intro to Aviation</td>
<td>3</td>
</tr>
<tr>
<td>AVT 2201</td>
<td>National Airspace Systems</td>
<td>3</td>
</tr>
<tr>
<td>AVM 3201</td>
<td>Aviation Planning</td>
<td>3</td>
</tr>
<tr>
<td>AHF 3101</td>
<td>Intro to Human Factors</td>
<td>3</td>
</tr>
<tr>
<td>AVM 4501</td>
<td>Air Transportation Management</td>
<td>3</td>
</tr>
<tr>
<td>AVT 4301</td>
<td>Aviation Safety</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Business Courses (9)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1801</td>
<td>Global Business perspectives</td>
<td>3</td>
</tr>
<tr>
<td>EAC 2211</td>
<td>Principles of Accounting 1</td>
<td>3</td>
</tr>
<tr>
<td>EEC 2303</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Communication courses (9)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1101</td>
<td>Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>COM 1102</td>
<td>Writing about literature</td>
<td>3</td>
</tr>
<tr>
<td>COM 2XXX</td>
<td>COM 2000-level or higher</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Humanities (6)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 2051</td>
<td>Civilization 1</td>
<td>3</td>
</tr>
<tr>
<td>HUM CORE</td>
<td>Humanities core course</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Math (6)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 1701</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>EST 2703</td>
<td>Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Physical/life science (6)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS 1021</td>
<td>General Physical Science</td>
<td>3</td>
</tr>
<tr>
<td>EDS 1022</td>
<td>General Biological Science</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Social Science (3) - Choose one of the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRM 1000</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1411</td>
<td>Introduction to Psychology</td>
<td>OP</td>
</tr>
<tr>
<td>SOC 1101</td>
<td>Human Behavior Perspective</td>
<td>OP</td>
</tr>
</tbody>
</table>

#### Computer literacy (3) - Choose one of following

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 1130</td>
<td>PC Applications</td>
<td>3</td>
</tr>
<tr>
<td>CIS 1140</td>
<td>Business Computer Skills</td>
<td>OP</td>
</tr>
</tbody>
</table>

#### University experience (1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASC 1006</td>
<td>Mastering eLearning</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total** 61
Florida Institute of Technology

ADDDING A NEW COURSE TO THE CURRICULUM

This is a request for reactivation of a course in the system. □ Yes □ No

SUBJECT A  V  T  COURSE NO.*  1  2  0  0  CREDIT HOURS  3  ACADEMIC YEAR TO BE ADDED TO THE FILE Fall 2016
(e.g., CSI)  (e.g., 1301)  (e.g., Fall 2010)

*Justify level if 1000 level and no co- or prerequisites

CLASS HOURS 45/semester  LECTURE HOURS 45/semester  LAB HOURS 0/semester  CONTACT HOURS (CEU ONLY) N/A

DEPARTMENT College of Aeronautics
(e.g., Computer Sciences)

☐ COLLEGE OF AERONAUTICS - 23
☐ NATHAN M. BISK COLLEGE OF BUSINESS - 24
☐ COLLEGE OF ENGINEERING - 1
☐ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS - 25

SCHEDULE TYPE Lecture (A)
(e.g., Lecture, Lab or Special Topic/Project)

COMPUTER TITLE Intro to Aircraft Systems

This course will be entered into the system as: ○ Bi-Level □ Cross-Listed □ Dual-Numbered □ Full-Load □ None of these/Standard Listing

CATALOG TITLE Introduction to Aircraft Systems

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces

Presents the details of aircraft systems specific to light general aviation aircraft. Includes reciprocating aircraft engines, propellers, systems, airframes, flight controls, landing gear systems, electrical systems, de-ice/anti-ice systems and pressurization/environmental control systems.

This description has been approved by the catalog office. 11/13/2015

In addition, please attach a course syllabus and/or more detailed description.

GRADES TO BE ISSUED
□ A, B, C, D, F □ A, B, C, D, F, CEU/Audit
□ CEU □ S, U □ P, F □ Other

ADDITIONAL RESTRICTION □ and □ or (e.g., Major, Class Level, Department Head Approval)

If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

SUBJECT Alpha Prefix (e.g., CSI) COURSE NO. (e.g., 1301) TERM TO INACTIVATE

□ Yes □ No Will the course be used to measure program level student learning outcomes? If yes, review and signature required.**
□ Yes □ No Will this course be used to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.
□ Yes □ No Will this course impact any existing programs? If yes, attach "Changing Graduation Requirements" forms for each program that is impacted.

APPROVALS: On completion of description and course number verification, affix appropriate signatures as indicated, and submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

Originator: Victoria Rubar 11/13/15
Department Chair/Program Chair: 11/13/15
Dean or Associate Dean: 11/13/15
Chair, Graduate Council: 11/13/15
Chair, Undergraduate Curriculum Committee: 11/13/15

**Vice President for Institutional Effectiveness

CATALOG & CURRICULUM MANAGER

These changes/additions have been made for the University Catalog and entered into the BANNER term mentioned above.

SCARISE SCADFT SCAPREQ SCARBASE
SCAPRES Operator Init. Date

Catalog & Curriculum Manager Date
Florida Institute of Technology • Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7827

RGR-283-915
Aircraft Systems: AVT xxxx

Instructor:
Office:
Phone:
E-mail:
Office Hours:

Course Objectives:
Introduces aircraft systems common in piston powered general aviation aircraft. Develops theory and practical knowledge to allow pilots to determine airworthiness of aircraft and operate systems safely and efficiently. (3 credits)

General Outcome Goals:
Students who successfully complete this course will be able:
1) Describe Systems common in piston powered general aviation aircraft
2) Identify commonalities between systems of different design
3) Determine aircraft airworthiness based upon an understanding of system design
4) Analyze Systems to predict performance and formulate procedures
5) Explain the principles behind the operation of aircraft systems

Course Requirements:
Students are expected:
- To attend class (attendance will be taken).
- To complete the required readings.
- To complete class assignments.

Student Evaluation:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework, quizzes and attendance</td>
<td>30%</td>
</tr>
<tr>
<td>Exam 1</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
</tr>
</tbody>
</table>

Grading:

A 100-90%  B 89-80%  C 79-70%  D 69-60%  F <60%

Note: Final term grades are calculated using an adjusted curve - the above values should therefore only be taken as an approximate guide. If your grade is borderline, class attendance, participation, and overall performance will be taken into consideration in the final grade calculation.
Academic Integrity:

Copying, plagiarism, or cheating will result in disciplinary action, according to FIT Policy.

Attendance:
Attendance is mandatory. After three unexcused absences a grade of 'F' can be assigned for the course. Please have all excused absences verified through the Academic Support Center and contact the course instructor via email prior to the date of absence or as soon as possible.

Textbooks:
"Aircraft Systems for Pilots" by Dale De Remer, PhD (REQUIRED)

Departmental Classroom Policies:
- Academic dishonesty, cheating or breaches of professional integrity will not be tolerated. Students are encouraged to avoid situations and actions that could be interpreted as cheating.
- No smoking, eating or drinking of any beverages by any person in any classroom.
- No cell phone usage or text messaging. All "ringers" must be placed on silent. Hats and sunglasses may not be worn in the classroom.
- Feet will not be placed on tabletops or adjacent chairs.
- Distractive, disruptive, or destructive students will be admonished and may be ejected from the classroom.
- If the instructor is more than five minutes late to class, a class representative will go to the COA office to notify/inquire. Class must remain for 1/3 of the period in absence of instructor.
- Homework must be turned in at the beginning of class when due. Homework is an individual effort.
- Expect unannounced quizzes at the beginning or end of every class.
- No sharing of supplies on quizzes or exams. No cell phones or wireless devices allowed during quizzes or exams. Cell phones may not be used as a calculator.
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topics</th>
<th>Student Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aug. 17</td>
<td>Airplanes: A Collection Of Systems&lt;br&gt;Certification, FAR 23</td>
<td>CP Chapter 1&lt;br&gt;14 CFR 23</td>
</tr>
<tr>
<td>2</td>
<td>Aug. 24</td>
<td>Aircraft Engines: Overview&lt;br&gt;Aircraft Engines: Major Components</td>
<td>AS Chapter II&lt;br&gt;AS Chapter II, QUIZ 1</td>
</tr>
<tr>
<td>3</td>
<td>Aug. 31</td>
<td>Reciprocating Engine Theory&lt;br&gt;Fuel, Mixture and Leanings</td>
<td>AS Chapter III&lt;br&gt;Homework 1</td>
</tr>
<tr>
<td>4</td>
<td>Sept. 7</td>
<td>Engine Lubrication/Cooling&lt;br&gt;Engine Ignition Systems</td>
<td>AS Chapter IV&lt;br&gt;AS Chapter III, QUIZ 2</td>
</tr>
<tr>
<td>5</td>
<td>Sept. 14</td>
<td>Propeller Theory, Fixed Pitch Props&lt;br&gt;Propeller Systems and Governors</td>
<td>AS Chapter V&lt;br&gt;AS Chapter V, Homework II</td>
</tr>
<tr>
<td>6</td>
<td>Sept. 21</td>
<td>Induction Systems: Carburetors&lt;br&gt;Induction Systems: Fuel Injection</td>
<td>AS Chapter VI&lt;br&gt;AS Chapter VI</td>
</tr>
<tr>
<td>7</td>
<td>Sept. 29</td>
<td>Induction Systems: Turbocharging&lt;br&gt;EXAM 1: Engines and Propellers</td>
<td>AS Chapter VIII&lt;br&gt;EXAM 1</td>
</tr>
<tr>
<td>8</td>
<td>Oct. 5</td>
<td>Fuel and Fuel Systems&lt;br&gt;Fuel Systems</td>
<td>AS Chapter VI&lt;br&gt;Homework III</td>
</tr>
<tr>
<td>9</td>
<td>Oct. 12</td>
<td>Electrical Principles&lt;br&gt;Electrical Principles Cont</td>
<td>AS Chapter X&lt;br&gt;Quiz 3</td>
</tr>
<tr>
<td>10</td>
<td>Oct. 19</td>
<td>Aircraft Electrical Systems: Sources&lt;br&gt;Aircraft Electrical Systems: Batteries</td>
<td>AS Chapter XI&lt;br&gt;AS Chapter XII</td>
</tr>
<tr>
<td>11</td>
<td>Oct. 26</td>
<td>Aircraft Electrical Systems: Appliances&lt;br&gt;Hydraulic Principles</td>
<td>AS Chapter XII&lt;br&gt;AS Chapter XIII&lt;br&gt;Homework IV</td>
</tr>
<tr>
<td>12</td>
<td>Nov. 2</td>
<td>Hydraulic Systems and Landing Gear&lt;br&gt;Exam 2</td>
<td>AS Chapter XIII</td>
</tr>
<tr>
<td>13</td>
<td>Nov. 9</td>
<td>Pneumatic Systems&lt;br&gt;Deice and anti ice systems</td>
<td>AS Chapter XIV&lt;br&gt;AS Chapter XIV</td>
</tr>
<tr>
<td>14</td>
<td>Nov. 16</td>
<td>Primary Flight Controls&lt;br&gt;Secondary Flight Controls</td>
<td>Chapter XV&lt;br&gt;AS Chapter XIII and XV</td>
</tr>
<tr>
<td>15</td>
<td>Nov. 23</td>
<td>Instrument Systems</td>
<td>AS XVII Quiz 4</td>
</tr>
<tr>
<td>16</td>
<td>Nov. 30</td>
<td>Instrument Systems&lt;br&gt;Review</td>
<td>AS XVII</td>
</tr>
</tbody>
</table>
The addition or removal of any graduation requirement in a major or minor requires that this form, accompanied by supporting documentation, be completed and approved as indicated below. Incomplete or incorrect forms will not be processed.

COLLEGE: Aeronautics

DEPARTMENT: Aeronautics

DEGREE LEVEL: Undergraduate

PROGRAM TITLE: Aeronautical Science with Flight

TO BE INITIATED WITH CATALOG YEAR: 2016

CHANGE REQUESTED FOR: □ major program □ minor program

Major/Minor Code: 7102

Program changes are effective beginning with the fall term in which they appear in the University Catalog.

☐ Yes ☐ No Will this change impact the program's assessment process? If yes, attach a description of how the assessment will be impacted and the new process.

DESCRIPTION OF REQUESTED CHANGES: Attach a more detailed description and any supporting documentation.

We have added a new course to the pilot curriculum, AVT 1200 Introduction to Aircraft Systems (3 credits).

AVT 1200 (3 credits) will replace 3 (1 credit) courses in the current curriculum:

AVS 1102 Intro to Aviation Chemical Science
AVS 1202 Intro to Aviation Physiology
AVT 1301 Aviation History

All of the changes are in the second semester of the freshman year. There will be no disruption to the rest of the courses in the curriculum.

Approvals: On completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee, for approval below and forward to the Catalog & Curriculum Manager.

[Signatures and dates]

Chair, Graduate Council

OR

Chair, Undergraduate Curriculum Committee

[Signatures and dates]

Registrar's Use Only

CAPP / Degree Evaluation

☐ Yes ☐ No Update completed: Date Initials

Academic Year:

Catalog Management System

☐ Yes ☐ No Update completed: Date Initials

Academic Year:
<table>
<thead>
<tr>
<th>Co or Prerequisite</th>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stu. Pilot Cert, Class III or Higher Medical Cert Co: AVS 1201 AVT 1001</td>
<td>ASC 1000 University Experience</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVS 1201 AVT 1001</td>
<td>AVF 1001 Flight 1</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVS 1201 (Co or Prereq)</td>
<td>AVS 1201 Aviation Meteorology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1001</td>
<td>AVT 1001 Aeronautics 1</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passing Grade Placement Test or COM 1101 or COM 1102</td>
<td>COM 1101 Composition and Rhetoric</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Placement Exam or MTH 0111</td>
<td>MTH 1000 Pre Calculus</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private Pilot Written Exam</td>
<td></td>
<td></td>
<td>16 Total hours</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Freshman Year – Spring Semester**

<table>
<thead>
<tr>
<th>Co or Prerequisite</th>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAA Private Pilot Cert, Class II or Higher Medical Cert AVT 1001</td>
<td>AVF 1002 Flight 2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1001</td>
<td>AVT 1002 Aeronautics 2</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1001</td>
<td>AVT 1200 Intro to Aircraft Systems</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 1101</td>
<td>COM 1102 Writing about Literature</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 1301</td>
<td>MTH 1000 MTH 1603</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private Pilot Flight Test</td>
<td></td>
<td></td>
<td>17 total hours</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sophomore Year – Fall Semester**

<table>
<thead>
<tr>
<th>Co or Prerequisite</th>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAA Private Pilot Cert, Class II or Higher Medical Cert AVF 1002 Co: AVT 2001 or AVT 2111</td>
<td>AVF 2001 Flight 3</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTH 1000 MTH 1001</td>
<td>AVS 2101 Aviation Physical Science</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1001</td>
<td>AVT 2303 Aviation Career Planning</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1002</td>
<td>AVT 2001 Aeronautics 3</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 1102</td>
<td>COM 1202 Res, Sources &amp; Syst.</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 1102</td>
<td>HUM 2051 Civilization 1</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 1411 (or SS Elective)</td>
<td>Instrument Rating Written Exam Instrument Rating Flight Test</td>
<td>16 total hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sophomore Year – Spring Semester**

<table>
<thead>
<tr>
<th>Co or Prerequisite</th>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVT 2001</td>
<td>AVM 2401 Aviation Fiscal Mgt (CL)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVS 2101 or PHY 1001</td>
<td>AVS 2102 Aerodynamics</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 2002</td>
<td>AVT 2002 Aeronautics 4</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities Core Course</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Pilot Written Examination Commercial Pilot Flight Test</td>
<td></td>
<td></td>
<td>14 total hours</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Aeronautical Science - Flight Option - 7102 Fall 2013 (2013-2014 Catalog)

<table>
<thead>
<tr>
<th>Co-Pre Req.</th>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AVT 3101 or AVX-XXXX</td>
<td>Instructional Techniques or (Restricted Elective, Aviation)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>COM 1102</td>
<td>COM 2223</td>
<td>Scientific and Tech Com</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>FREE XXXX</td>
<td>FREE XXXX</td>
<td>Free Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>HUM XXXX</td>
<td>Humanities Elective</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Multiengine Pilot Flight Test</td>
<td>12 total hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Junior Year – Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHF 3101</td>
<td>Intro Human Factors</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVS 1201 or OCN 2407</td>
<td>AVS 3201</td>
<td>Aviation Meteorology 2</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Junior Standing</td>
<td>AVT 4301</td>
<td>Aviation Safety</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 1102</td>
<td>COM 3070</td>
<td>Professional Comm for Executives</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREE XXXX</td>
<td>Free Elective</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Junior Year – Spring Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVM 4301</td>
<td>Aviation Law &amp; Employment Std.</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVM 2401 or BUS 3401</td>
<td>AVM 4303</td>
<td>General Aviation Ops &amp; Mgt</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>St. Standing</td>
<td>AVM 4501</td>
<td>Air Transportation Mgt</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jr. Standing in COA</td>
<td>AVS 4304</td>
<td>Aviation Security</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVF2002 AVT 2002</td>
<td>AVT 4201</td>
<td>Advanced Aircraft Syst.</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Senior Year – Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVM 4302</td>
<td>Aviation Law</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVF 4001</td>
<td>AVT 4202</td>
<td>Advanced Aircraft Operations</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVF 2002 AVT 2002</td>
<td>AVT 4203</td>
<td>Airline Operations</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVX XXXX</td>
<td>Restricted Elective (3) (Aviation)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVX XXXX</td>
<td>Restricted Elective (Aviation)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Senior Year – Spring Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
</table>

Total Credits Required = 120

Comments:

Signatures:  
Date: 

Student: 
Advisor: 
Program Chair: 
Dean/Division Director:
Florida Institute of Technology

CHANGING GRADUATION REQUIREMENTS IN A MAJOR/MINOR

The addition or removal of any graduation requirement in a major or minor requires that this form, accompanied by supporting documentation, be completed and approved as indicated below. Incomplete or incorrect forms will not be processed.

COLLEGE: Aeronautics
DEPARTMENT: Aeronautics

DEGREE LEVEL: Undergraduate
PROGRAM TITLE: Aviation Management with Flight

TO BE INITIATED WITH CATALOG YEAR 2016

CHANGE REQUESTED FOR: □ major program □ minor program 7113
Major/Minor Code

Program changes are effective beginning with the fall term in which they appear in the University Catalog.

☐ Yes  ☐ No  Will this change impact the program's assessment process? If yes, attach a description of how the assessment will be impacted and the new process.

DESCRIPTION OF REQUESTED CHANGES: Attach a more detailed description and any supporting documentation.

We have added a new course to the pilot curriculum, AVT 1200 Introduction to Aircraft Systems (3 credits).

AVT 1200 (3 credits) will replace 3 (1 credit) courses in the current curriculum:
AVS 1102 Intro to Aviation Chemical Science
AVS 1202 Intro to Aviation Physiology
AVT 1301 Aviation History

All of the changes are in the second semester of the freshman year. There will be no disruption to the rest of the courses in the curriculum.

Approvals: On completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee, for approval below and forward to the Catalog & Curriculum Manager.

Victoria Durbar 11/13/15
Originator

Victoria Durbar 11/13/15
Dean or Associate Dean

Date

Date

Date

Date

Date

Date

Date

Date

Date

Date

DEPARTMENT HEAD / MAJOR PROGRAM CHAIR

DEPARTMENT HEAD / MINOR PROGRAM CHAIR

Chair, Graduate Council

Chair, Undergraduate Curriculum Committee

REGISTRAR'S USE ONLY

CAPP/Degree Evaluation

☐ Yes  ☐ No Update completed

☐ Yes  ☐ No Update completed

Catalog Management System

☐ Yes  ☐ No

Florida Institute of Technology • Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7827

RDR-20148
<table>
<thead>
<tr>
<th>Co or Prerequisite</th>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ASC 1000</td>
<td>University Experience</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AVF 1001</td>
<td>Flight 1</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AVS 1201</td>
<td>Aviation Meteorology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AVT 1001</td>
<td>Aeronautics 1</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>COM 1101</td>
<td>Comp and Rhetoric</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MTH 1000</td>
<td>Pre Calculus</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Private Pilot Written Examination</td>
<td>16 total hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Freshman Year - Spring Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVF 1002</td>
<td>Flight 2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1001</td>
<td>Aeronautics 2</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1200</td>
<td>Intro to Aircraft Systems</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 1301</td>
<td>Intro to Computer Apps (CL)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 1101</td>
<td>Writing about Literature</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTH 1000</td>
<td>Applied Calculus and Statistics</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private Pilot Flight Test</td>
<td>17 total hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sophomore Year - Fall Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVF 2001</td>
<td>Flight 3</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVS 2101</td>
<td>Aviation Physical Science</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1002</td>
<td>Aeronautics 3</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 1301</td>
<td>Basic Economics</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 1102</td>
<td>Research Sources &amp; Systems</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM 2051</td>
<td>Civilization 1</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument Rating Written Examination</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument Rating Flight Test</td>
<td>16 total hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sophomore Year - Spring Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
<th>Substitute</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVF 2102</td>
<td>Flight 4 Commercial Pilot Multi-engine</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVS 2102</td>
<td>Aerodynamics</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVT 1002</td>
<td>Aeronautics 4</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 2211</td>
<td>Intro to Financial Accounting</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 1411 (or SS Elective)</td>
<td>Intro to Psychology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities Core Course</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Pilot Written Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Pilot Flight Test</td>
<td>17 total hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Co-Pre Req.</td>
<td>Course</td>
<td>Title</td>
<td>Credit</td>
<td>Schedule</td>
<td>Grade</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>--------------------------------------------</td>
<td>--------</td>
<td>----------</td>
<td>-------</td>
</tr>
<tr>
<td>Jr. Standing</td>
<td>AVM 3201</td>
<td>Aviation Planning</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AVT 3101 Or AVX XXXX</td>
<td>Instructional Techniques or Restricted Elective (Aviation)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 2211</td>
<td>BUS 2212</td>
<td>Intro to Managerial Accounting</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sophomore Standing</td>
<td>BUS 3501</td>
<td>Management Principles</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>COM 3070</td>
<td>Professional Communication For Executives</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Multimode Pilot Flight Test</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>*15 total hours</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Junior Year – Spring Semester**

<table>
<thead>
<tr>
<th>Co-Pre Req.</th>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jr. Standing in COA</td>
<td>AVM 3303</td>
<td>Transportation Logistics</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVM 3201</td>
<td>AVM 3202</td>
<td>Airport Design</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jr. Standing</td>
<td>AVM 4301</td>
<td>General Aviation Operations &amp; Mgt</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 2212</td>
<td>BUS 3401</td>
<td>Corporate Finance</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>*15 total hours</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Senior Year – Fall Semester**

<table>
<thead>
<tr>
<th>Co-Pre Req.</th>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jr. Standing in COA</td>
<td>AVM 4201</td>
<td>Aviation Advanced Computer Applications (CL)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVM 4301</td>
<td>AVM 4301</td>
<td>Aviation Labor Law and Employment Standards</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sr. Standing</td>
<td>AVM 4501</td>
<td>Air Transportation Management</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jr. Standing in COA</td>
<td>AVS 4304</td>
<td>Aviation Security</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVF 2002, AVT 2002 or Instr. Approval</td>
<td>AVM 4201</td>
<td>Advanced Aircraft Systems</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>*15 total hours</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Senior Year – Spring Semester**

<table>
<thead>
<tr>
<th>Co-Pre Req.</th>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
<th>Schedule</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sr. Standing</td>
<td>AVM 4302</td>
<td>Aviation Law</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVM 3202</td>
<td>AVM 4701</td>
<td>Airport Management</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVF 4011 or Instr. Approval</td>
<td>AVM 4202</td>
<td>Advanced Aircraft Operations</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM XXXX</td>
<td>AVM 4202</td>
<td>Humanities Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVX XXXX</td>
<td>AVM 4202</td>
<td>Aviation Elective (Q)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>*15 total hours</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits Required = 126**

Comments:

________________________________________

Signatures:

Student: ____________________________
Advisor: ____________________________
Program Chair: ______________________
Dean/Division Director: _____________
Florida Institute of Technology

REQUEST TO CHANGE THE REQUIREMENTS FOR A COURSE

Any change, addition or removal of any restriction, or change in credit hours or availability for a course requires this form, accompanied by any supporting documentation, be completed and approved as indicated below.

COLLEGE: Aeronautics  DEPARTMENT: Aeronautics

REQUEST IS FOR CHANGE IN COURSE: A H F 1 1 0 1  Introduction to Aviation Psychology

Prefix  Number  Course Title

TO BE INCLUDED IN 2016/2017 CATALOG
Course changes are effective beginning with the fall term in which they appear in the University Catalog.

IS REQUEST FOR A CHANGE IN THE NAME LISTED ABOVE? ☐ Yes  ☑ No  If yes, requested name:

IS REQUEST FOR A CHANGE IN CREDITS FOR COURSE LISTED ABOVE? ☐ Yes  ☑ No  If yes, current credits requested credits

IS REQUEST TO CHANGE RESTRICTIONS FOR COURSE LISTED ABOVE? ☑ Yes  ☐ No  If yes, please check all that apply:

☐ Add  ☐ Remove  ☐ Prerequisite  ☐ Corequisite

☐ Add  ☐ Remove  ☐ Prerequisite  ☐ Corequisite

☐ Add  ☐ Remove  ☑ Other Restrictions*  ☐ Yes  ☑ No  If yes, please use box below:

*Other restrictions may include changing the grade mode (F/E, S, A), deactivating a course already in the system, majors or class levels restricted from registration, or other restrictions.

Please enter the complete prerequisite/restriction list as it should appear if this change is approved:

SS elective

☐ Yes  ☑ No  Is this request for the course to be used to measure program-level student learning outcomes?

☐ Yes  ☑ No  Is this request for the course to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

☐ Yes  ☑ No  Will this change impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program that is impacted.

APPROVALS: Once appropriate department approvals are completed, submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

1) Victoria Amber 11/12/15  Date

2) Victoria Amber 11/12/15  Date

3) 11/13/15  Date

4) Chair, Graduate Council Date

OR

Chair, Undergraduate Curriculum Committee Date

CATALOG & CURRICULUM MANAGER'S USE ONLY

SCACRSE  SCACORET  SCAPREQ

SCABASE  SCABRES  Operator Initials  Date

DISTRIBUTION

Original – Catalog & Curriculum Manager
Copy – Academic Unit

Florida Institute of Technology • Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7877

NGR-254-4015
Florida Institute of Technology

REQUEST TO CHANGE THE REQUIREMENTS FOR A COURSE

Any change, addition or removal of any restriction, or change in credit hours or availability for a course requires this form, accompanied by any supporting documentation, be completed and approved as indicated below.

COLLEGE: Aeronautics

DEPARTMENT: Aeronautics

REQUEST IS FOR CHANGE IN COURSE: A   H   F

3   1   0   1

Introduction to Human Factors

Course Title

TO BE INCLUDED IN 20_16   /20_17   CATALOG

Course changes are effective beginning with the fall term in which they appear in the University Catalog.

IS REQUEST FOR A CHANGE IN THE NAME LISTED ABOVE? □ Yes □ No If yes, requested name.

IS REQUEST FOR A CHANGE IN CREDITS FOR COURSE LISTED ABOVE? □ Yes □ No if yes, current credits requested credits

IS REQUEST TO CHANGE RESTRICTIONS FOR COURSE LISTED ABOVE? □ Yes □ No If yes, please check all that apply:

- Add □ Remove □ Prerequisite □ Corequisite □ Other Restrictions* □ Yes □ No If yes, please use box below:

*Other restrictions may include changing the grade mode (P/F, S/N, A-E, SBI), restricting a course entirely in the system, majors or class levels restricted from registration, or other restrictions.

Please enter the complete prerequisite/restriction list as it should appear if this change is approved:

SS elective

- Yes □ No Is this request for the course to be used to measure program-level student learning outcomes?

- Yes □ No Is this request for the course to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

- Yes □ No Will this change impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program that is impacted.

APPROVALS: Once appropriate department approvals are completed, submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

1) Victoria Durbar 11/12/15

2) Victoria Durbar 11/12/15

3) Lynnman 11/13/15

4) Chair, Graduate Council Date

OR

Chair, Undergraduate Curriculum Committee Date

CATALOG & CURRICULUM MANAGER’S USE ONLY

SCACRSE    SCADTEL    SCAPREQ

SCBASE    SCARIES    Operator Initials Date

DISTRIBUTION

Original – Catalog & Curriculum Manager
Copy – Academic Unit
Fyi

From: Korhan Oyman
Sent: Thursday, November 12, 2015 12:01 PM
To: Victoria Dunbar; Ismael Cremer
Subject: Fwd: A request for two Aviation courses

------- Original message -------
From: Semen Koksal <skoksal@fit.edu>
Date: 11/12/2015 11:41 (GMT-05:00)
To: Robert Taylor <rotaylor@fit.edu>
Cc: Mark Archambault <marchamb@fit.edu>, Korhan Oyman <koyman@fit.edu>
Subject: RE: A request for two Aviation courses

Thank you so much Bob! I appreciate it.

Semen

Semen Koksal, Ph.D.
Vice President for Academic Affairs
Florida Institute of Technology
Melbourne, FL 32901

Phone: 321.674.7231
e-mail: skoksal@fit.edu

From: Robert Taylor
Sent: Thursday, November 12, 2015 11:39 AM
To: Semen Koksal <skoksal@fit.edu>
Subject: RE: A request for two Aviation courses

Semen:

I've talked with CoA about these courses, and they clearly are SS types, and support this change as well.

Thanks,

Bob

Robert A. Taylor, Ph.D.
Associate Dean College of Psychology and Liberal Arts
Head School of Arts and Communication
Professor of History
Florida Institute of Technology
From: Semen Koksal  
Sent: Thursday, November 12, 2015 11:14 AM  
To: Mark Archambault  
Cc: Robert Taylor; Korhan Oyman; Victoria Dunbar  
Subject: A request for two Aviation courses

Dear Mark,

It is brought to my attention that CoA has a request to make two courses Social Sciences electives for their students. These courses are:

AHF 1101 – Intro to Aviation Psychology  
AHF 3101 – Intro to Aviation Human Factors

Rational for this request:

- **HUM/SS electives should complement the technical courses** by helping to develop an understanding of the problems facing our society, a historical consciousness, a sense of values, knowledge of other cultures, and an ability to think logically.
- These courses are taught by CoA faculty who have a Ph.D. in Psychology.

I am writing to let you know that I strongly support this request and approve it.

Thank you so much!

Semen

Semen Koksal, Ph.D.  
Vice President for Academic Affairs  
Florida Institute of Technology  
Melbourne, FL 32901

Phone: 321 674 7231  
e-mail: skoksal@fit.edu
REQUEST TO CHANGE THE REQUIREMENTS FOR A COURSE

Any change, addition or removal of any restriction, or change in credit hours or availability for a course requires this form, accompanied by any supporting documentation, be completed and approved as indicated below.

COLLEGE: Aeronautics

REQUEST IS FOR CHANGE IN COURSE: AVT 4201

DEPARTMENT: Aeronautics

ADVANCED AIRCRAFT SYSTEMS

COURSE TITLE

TO BE INCLUDED IN 2016/2017 CATALOG

Course changes are effective beginning with the fall term in which they appear in the University Catalog.

IS REQUEST FOR A CHANGE IN THE NAME LISTED ABOVE? 

☐ Yes ☐ No If yes, requested name:

IS REQUEST FOR A CHANGE IN CREDITS FOR COURSE LISTED ABOVE? 

☐ Yes ☐ No If yes, current credits requested credits

IS REQUEST TO CHANGE RESTRICTIONS FOR COURSE LISTED ABOVE? 

☐ Yes ☐ No If yes, please check all that apply:

☐ Add ☐ Remove ☐ Prerequisite ☐ Corequisite

☐ Add ☐ Remove ☐ Prerequisite ☐ Corequisite

☐ Yes ☐ No If yes, please use box below:

*Other restrictions may include changing the grade mode (P/F, S/N, A-F, CEU), deactivating a course already in the system, major or class levels restricted from registration, or other restrictions. Please enter the complete prerequisite/restriction list as it should appear if this change is approved.

Prerequisites for this course should only be AVT 2002, Aeronautics 4. This does not affect the program level student learning outcomes.

☐ Yes ☐ No Is this request for the course to be used to measure program-level student learning outcomes?

☐ Yes ☐ No Is this request for the course to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

☐ Yes ☐ No Will this change impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program that is impacted.

APPROVALS: Once appropriate department approvals are completed, submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

1) Victor Rosario 11/12/15

Originator Date

2) Victor Rosario 11/12/15

Department Head/Program Chair Date

3) 11/13/15

Dean or Associate Dean Date

Chapel, Graduate Council Date

Chapel, Undergraduate Curriculum Committee Date

CATALOG & CURRICULUM MANAGER'S USE ONLY

SCAISE SCADELL SCAPREQ

SCABASE SCABRES Operator Initials Date

Florida Institute of Technology • Office of the Registrar

150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7827

RGR-354-1015
REQUEST TO CHANGE THE REQUIREMENTS FOR A COURSE

Any change, addition or removal of any restriction, or change in credit hours or availability for a course requires this form, accompanied by any supporting documentation, be completed and approved as indicated below.

COLLEGE: Aeronautics

DEPARTMENT: Aeronautics

REQUEST IS FOR CHANGE IN COURSE

AVT 4202 Advanced Aircraft Operations

Prefix  Number  Course Title

TO BE INCLUDED IN 2016/2017 CATALOG

Course changes are effective beginning with the fall term in which they appear in the University Catalog.

IS REQUEST FOR A CHANGE IN THE NAME LISTED ABOVE? ☐ Yes ☑ No
If yes, requested name:

IS REQUEST FOR A CHANGE IN CREDITS FOR COURSE LISTED ABOVE? ☐ Yes ☑ No
If yes, current credits requested credits

IS REQUEST TO CHANGE RESTRICTIONS FOR COURSE LISTED ABOVE? ☑ Yes ☐ No
If yes, please check all that apply:
☐ Add ☐ Remove ☐ Prerequisite ☐ Corequisite

AVF 2102

Prefix  Number

☐ and ☐ or

☐ Add ☐ Remove ☐ Prerequisite ☐ Corequisite

AVF 4001

Prefix  Number

☐ and ☐ or

☐ Add ☐ Remove ☐ Other Restrictions* ☑ Yes ☐ No
If yes, please use box below:

*(Other restrictions may include changing the grade mode (VR, SF, A-F, CEU), deactivating a course already in the system, majors or class levels restricted from registration, or other restrictions.
Please enter the complete prerequisite/ restriction list as it should appear if this change is approved.
Add AVF 2001, Flight 3 as a prerequisite.

☐ Yes ☐ No Is this request for the course to be used to measure program-level student learning outcomes?

☐ Yes ☐ No Is this request for the course to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

☐ Yes ☐ No Will this change impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program that is impacted.

APPROVALS: Once appropriate department approvals are completed, submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

1) 2) 3) 4)

Chair, Graduate Council OR Chair, Undergraduate Curriculum Committee

Dean or Associate Dean

Date

Date Date

DATE

CATALOG & CURRICULUM MANAGER'S USE ONLY

SCACISE SCADFL SCAPREQ

SCABASE SCAPRES Operator Initials

DISTRIBUTION

Original – Catalog & Curriculum Manager
Copy – Academic Unit

Florida Institute of Technology • Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7827
REQUEST TO CHANGE THE REQUIREMENTS FOR A COURSE

Any change, addition or removal of any restriction, or change in credit hours or availability for a course requires this form, accompanied by any supporting documentation, be completed and approved as indicated below.

COLLEGE: Aeronautics
DEPARTMENT: Aeronautics

REQUEST IS FOR CHANGE IN COURSE: AVT 4203
Airline Operations

PREFIX: AV
NUMBER: 002

TO BE INCLUDED IN 2016/2017 CATALOG
Course changes are effective beginning with the fall term in which they appear in the University Catalog.

IS REQUEST FOR A CHANGE IN THE NAME LISTED ABOVE? ☐ Yes ☐ No  If yes, requested name:

IS REQUEST FOR A CHANGE IN CREDITS FOR COURSE LISTED ABOVE? ☐ Yes ☐ No  If yes, current credits requested credits

IS REQUEST TO CHANGE RESTRICTIONS FOR COURSE LISTED ABOVE? ☐ Yes ☐ No  If yes, please check all that apply:
☐ Add ☐ Remove ☐ Prerequisite ☐ Corequisite
AVF 2002 Prefix Number
☐ and ☐ or
☐ Add ☐ Remove ☐ Prerequisite ☐ Corequisite
AVF 4001 Prefix Number
☐ and ☐ or

☐ Yes ☐ No  If yes, please use box below:

*Other restrictions may include changing the grade mode (P/F, S/U, A-E, CD), deactivating a course already in the system, majors or class levels restricted from registration, or other restrictions.
Please enter the complete prerequisite/restriction list as it should appear if this change is approved:
Prerequisite for this course should only be AVT 2002, Aeronautics 4.

☐ Yes ☐ No  Is this request for the course to be used to measure program-level student learning outcomes?

☐ Yes ☐ No  Is this request for the course to satisfy the scholarly inquiry requirement?  If yes, attach "Q" materials for review.

☐ Yes ☐ No  Will this change impact any existing programs?  If yes, attach "Changing Graduation Requirements" form for each program that is impacted.

APPROVALS: Once appropriate department approvals are completed, submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

1) [Signature] 11/12/15
Originator

2) [Signature] 11/12/15
Department Head/Program Chair

3) [Signature] 11/13/15
Dean or Associate Dean

4) Chair, Graduate Council
Date

OR

Chair, Undergraduate Curriculum Committee
Date

CATALOG & CURRICULUM MANAGER'S USE ONLY

SCACRSE — SCADTL — SCAPREQ
SCABASE — SCARRES — Operator Initials

DISTRIBUTION
Original - Catalog & Curriculum Manager
Copy - Academic Unit

Florida Institute of Technology - Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975  (321) 674-8114  Fax (321) 674-7827

RGR-254-1015
Request to Change the Requirements for a Course

Any change, addition or removal of any restriction, or change in credit hours or availability for a course requires this form, accompanied by any supporting documentation, be completed and approved as indicated below.

College: Aeronautics
Department: Aeronautics

Request is for change in course AVT 4302

Air Traffic Control 2

To be included in 20-16/20-17 Catalog

Course changes are effective beginning with the fall term in which they appear in the University Catalog.

Is request for a change in the name listed above? [ ] Yes [ ] No

If yes, requested name:

Is request for a change in credits for course listed above? [ ] Yes [ ] No

If yes, please check all that apply:

[ ] Add [ ] Remove [ ] Prerequisite [ ] Corequisite

AVS 2102 [ ] and [ ] or

[ ] Add [ ] Remove [ ] Prerequisite [ ] Corequisite

AVT 4301 [ ] and [ ] or

[ ] Add [ ] Remove [ ] Other Restrictions*

If yes, please use box below:

*Other restrictions may include changing the grade mode (D/F, S/U, A-F, CR), deactivating a course already in the system, majors or class levels restricted from registration, or other restrictions.

Please enter the complete prerequisite/restriction list as it should appear if this change is approved:

Remove AVT 1001, AVT 2001 or AVT 2201.

The only prerequisite that should be listed in the catalog is AVT 3203, ATC 1.

[ ] Yes [ ] No Is this request for the course to be used to measure program-level student learning outcomes?

[ ] Yes [ ] No Is this request for the course to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

[ ] Yes [ ] No Will this change impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program that is impacted.

Approvals: Once appropriate department approvals are completed, submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

1) ____________________________ 11/12/15
   Originator

2) ____________________________ 11/12/15
   Department Head/Program Chair

3) ____________________________ 11/13/15
   Dean or Associate Dean

4) ____________________________ Date
   Chair, Graduate Council

OR

______________________________
Chair, Undergraduate Curriculum Committee

Catalog & Curriculum Manager's Use Only

SCCURSE: __________________ SCDETL: __________________ SCAPREQ: __________________

SCABASE: __________________ SCARRES: __________________ Operator Initials: __________________ Date: __________________

Distribution:
Original - Catalog & Curriculum Manager
Copy - Academic Unit
REQUEST TO CHANGE THE REQUIREMENTS FOR A COURSE

Any change, addition or removal of any restriction, or change in credit hours or availability for a course requires this form, accompanied by any supporting documentation, be completed and approved as indicated below.

COLLEGE: Aeronautics  
DEPARTMENT: Aeronautics

REQUEST IS FOR CHANGE IN COURSE AVM 4303  
General Aviation Operations and Management  
Course Title

TO BE INCLUDED IN 2016-2017 CATALOG  
Course changes are effective beginning with the fall term in which they appear in the University Catalog.

IS REQUEST FOR A CHANGE IN THE NAME LISTED ABOVE?  
☐ Yes  ☑ No  If yes, requested name ____________________________

IS REQUEST FOR A CHANGE IN CREDITS FOR COURSE LISTED ABOVE?  
☐ Yes  ☑ No  If yes, current credits __________ requested credits __________

IS REQUEST TO CHANGE RESTRICTIONS FOR COURSE LISTED ABOVE?  
☐ Yes  ☑ No  If yes, please check all that apply:

☐ Add  ☐ Remove  ☐ Prerequisite  ☐ Corequisite  
Prefix  Number  BUS 2212  ☑ and ☑ or

☐ Add  ☐ Remove  ☐ Prerequisite  ☐ Corequisite  
Prefix  Number

☐ Add  ☐ Remove  ☐ Other Restrictions*  ☑ Yes  ☑ No  If yes, please use box below:

*Other restrictions may include changing the grade mode (F/V, S/R, A-F, E/F), deactivating a course already in the system, majors or class levels restricted from registration, or other restrictions.

Please enter the complete prerequisite/restriction list as it should appear if this change is approved:
Prerequisite should read: AVM 2401 or BUS 3401 or EMG 3225 or BUS 2212
Changing this prerequisite will not affect the program level learning outcomes.

☐ Yes  ☑ No  Is this request for the course to be used to measure program-level student learning outcomes?

☐ Yes  ☐ No  Is this request for the course to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

☐ Yes  ☑ No  Will this change impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program that is impacted.

APPROVALS: Once appropriate department approvals are completed, submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

1)  
Victoria Ambler  11/12/15  
Originator  
Date

2)  
Victoria Ambler  11/12/15  
Department Head/Program Chair  
Date

3)  
11/13/15  
Dean or Associate Dean  
Date

Catalog & Curriculum Manager’s Use Only

SCCRSE  
SCADETL  
SCAPREQ  
SCANDSE  
SCARIES  
Operator Initials  Date

DISTRIBUTION
Original – Catalog & Curriculum Manager  
Copy – Academic Unit

Florida Institute of Technology  •  Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975  •  (321) 674-8114  •  Fax (321) 674-7827