To: UGCC members

From: Victoria Dunbar, College of Aeronautics

Re: Adding a New Course to the Curriculum – AHF 1101

Date: January 23, 2015

The College of Aeronautics is requesting Undergraduate Curriculum Committee approval for adding a new course AHF 1101. This was presented at the previous UGCC meeting and tabled because of rigorous course requirements. We took the UGCC members comments into account and changed the syllabus to be more in line with other freshmen course requirements.

1. AHF 1101 Aviation Psychology introduces the field of aviation psychology. It will present and analyze aviation psychology issues in general application, and emphasizes the aviation industry and aviation systems. It includes personnel selection, training, stress, performance, culture and leadership, and more. This course is being created in advance of the soon-to-be proposed undergraduate degree in Aviation Human Factors and Safety.
This course is available for student registration only after the approval process has been completed.

Subject A H F Course No. 1 1 0 1 Credit Hours 3 Term to be added to the file Fall 2016

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

Class Hours 0/week Lecture Hours 0/week Lab Hours Contact Hours (CEU only)

Department Aeronautics (e.g., Computer Sciences) Schedule Type Lecture (A)

☐ COLLEGE OF AERONAUTICS - 23
☐ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS - 25
☐ NATHAN M. BISK COLLEGE OF BUSINESS - 24
☐ COLLEGE OF SCIENCE - 26
☐ COLLEGE OF ENGINEERING - 1
☐ EXTENDED STUDIES / NATHAN M. BISK COLLEGE OF BUSINESS - 90

Computer Title Restricted to 25 characters, including spaces Aviation Psychology Dual Prefix ☐ Bi-Level ☐ Full-Load ☐

Catalog Title: Introduction to Aviation Psychology

Catalog Description of Course: Restricted to 350 characters, including spaces

Introduces the field of aviation psychology. Present and analyzes aviation psychology issues in general applications. Emphasizes the aviation industry and aircraft systems. Includes personnel selection, training, stress, performance, culture and leadership, among other topics.

This description has been approved by the catalog office.

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

Restrictions
☐ Prerequisite
☐ Corequisite

Course Number

Course Number

Course Number

Course Number

GPAVES TO ISSUED
☐ A, B, C, D, F
☐ A, B, C, D, F; CEU/Audit
☐ CEU
☐ S, U
☐ P, F
☐ Other

Additional Restrictions (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 Prefix (e.g., CSE) 11 11 11 11 Course No. (e.g., 1301) Term to Inactivate

☐ Yes ☐ No Will this 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.

Approvals: On completion of description and course number verification, affix appropriate signatures as indicated, and submit completed form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval.

Registrar's Use Only

SCACRSE SCADTL SCAPREQ SCABASE

SCHARSE Operator Init. Date

Florida Institute of Technology * Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7827
Instructor: Dr. xxxxxxxxx  
Phone: xxxxxxxx

Time/Room  xxxxxxxxxxx  
xxxxxxxxxxx

Office Hours: xxxxxxxxxxx


Course Description: This course introduces the field of aviation psychology. This course presents and analyzes aviation psychology issues in general applications; however the emphasis will be on the aviation industry and aircraft systems. Some topics to be covered include, but are not limited to, personnel selection, training, stress, performance, culture, leadership, etc.

Course Learning Objectives: At the completion of this course, students will be able to:

- Define aviation psychology and explain its role in the design of systems
- Understand key concepts used in aviation psychology
- Apply aviation psychology concepts to everyday challenges
- Apply aviation psychology principles to improving aircraft design, safety, and pilot performance

Course Requirements:
(1) Four exams based on the information presented in class as well as the textbook. The exams are not cumulative.

Grading Policy:
(1) Exam 1 25%
(2) Exam 2 25%
(3) Exam 3 25%
(4) Exam 4 25%
Instructional Procedures: The instructor will conduct a selected number of lectures/discussion. All students will be held responsible for information contained in the assigned chapters, as well as for information contained in classroom activities—lecture, discussion, demonstrations, etc.

IT IS IMPORTANT THAT YOU READ AND STUDY THE ASSIGNED MATERIAL BEFORE COMING TO CLASS!!!

Four exams will be conducted based on the assigned readings from the text and lectures presented by the instructor, students and guest speakers (if any).

- I will use Canvas to post all presentations and many of the handouts. You need to check this regularly for special announcements.
- Missed exams cannot be made up without an official excused absence.
- I’m here to help you understand this material. Call me, email me, or set up an appointment to see me if you have any questions or concerns.

Cheating/Plagiarism and Academic Dishonesty

Academic dishonesty is taken very seriously by the university and is not condoned by any member of the university. Examples of academic dishonesty include (but are not limited to): academic cheating, plagiarism, cheating by using computers, and breaches of professional integrity. Such incidents shall be treated in accordance with university policy as outlined in the Student Handbook.

Disability Issues

I take disability issues very seriously. Please read the FIT official handbook for more details on disability issues. If you choose to disclose to me, I will keep it confidential and do whatever I can to accommodate your needs according to the official policies of FIT.


## Class Schedule

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