March 17, 2010

To: University Undergraduate Curriculum Committee

From: College of Aeronautics

Subject: Adding New Helicopter Flight Courses to the Curriculum.

Request approval for the addition of 11 new courses to the College of Aeronautics flight training curriculum as listed below:

Helicopter Basic Flight Principles – AVT 1006
Helicopter Private Pilot – AVF 1006
Helicopter Instrument Ground Training – AVT 2007
Helicopter Instrument Pilot – AVF 2007
Helicopter Commercial Ground Training – AVT 2008
Helicopter Commercial Pilot – AVF 2008
Helicopter External Load Ops – AVF 2105
Helicopter Flight Instructor – AVF 3013
Helicopter Flight Instructor – Instrument – AVF 3014
Helicopter Mountain Flying – AVF 4007
Helicopter Turbine Transition – AVF 4009

These proposed courses would supplement our existing Flight Option courses. The College of Aeronautics (COA) would conduct the Aviation Technology (AVT) courses and Bristow Academy would conduct the Aviation Flight (AVF) courses under contract with Florida Tech with COA oversight.

Justification for these proposed new courses is provided on the following pages.

Winston E. Scott
Dean

Attachments
Justification For Additional Flight Courses

A. **Background**

1. The Florida Tech College of Aeronautics is recognized as one of the top university based academic and flight training programs in the nation, and is officially designated a Veterans Administration "Institute of Higher Learning" under the new Post 9-11 GI Bill, (Chapter 33), as well as a "Yellow Ribbon" university for Veterans Benefits.

2. Bristow Academy located at the Space Coast Regional Airport in Titusville, Florida is recognized as one of the leading schools for helicopter flight training in the nation, and is officially designated a Veterans Administration school under the Montgomery GI Bill, (Chapter 30).

3. The Veterans Administration Post 9-11 Bill benefits, Chapter 33 (including laboratory fees for flight training hours) can only be used for programs taken at an "Institute of Higher Learning" such as Florida Tech. Both institutions strongly desire to offer a university aviation education, including helicopter training, to veterans and other aviation students desiring a career in the helicopter industry.

4. Both institutions are fully licensed and certified by the Federal Aviation Administration under Federal Aviation Regulations Part 141. (See Exhibit A - Bristow Academy Air Agency Certificate and FAA letter dated March 3, 2010).

5. Other leading aviation universities have recognized this opportunity to enroll VA Chapter 33 eligible students in their undergraduate degree programs, and have partnered with FAA licensed Helicopter Flight Training Schools to take advantage of the VA funding available.

B. **Current Status of Proposal**

1. A joint Letter of Intent setting forth this Strategic Partnership was executed by Florida Tech and Bristow Academy on December 21, 2009. A joint working team entitled "Accreditation and Curriculum" has studied the matter, and recommends approval of these proposed courses which closely follow the existing Florida Tech College of Aeronautics flight training curriculum.

2. The Florida Tech Catalogue Director has prepared the appropriate forms to reserve these proposed 11 courses in the university system. The Master Syllabus and/or FAA approved FAR Part 141 Training Course Outlines have been prepared for each course as Enclosures 1-11 herein.

3. No changes in the flight training curriculum are proposed for Fall 2010 and the new courses will be gradually phased in during the 2011-2012 period. The first two courses planned for the Spring 2011 semester are Helicopter Basic Flight Principles (AVT 1006) and Helicopter Private Pilot (AVF 1006).
4. Accordingly, approval is hereby requested to add these new helicopter courses to the curriculum. If additional information is needed, please contact Dr. Steve Cusick at the College of Aeronautics; scusick@fit.edu, telephone 674-7470.

**Documentation for New Courses**


**Proposed Courses:**

Enclosure 1 - AVT 1006 – Helicopter Basic Flight Principles

Enclosure 2 – AVF 1006 - Helicopter Private Pilot

Enclosure 3 – AVT 2007 - Helicopter Instrument Ground Training

Enclosure 4 – AVF 2007 - Helicopter Instrument Pilot

Enclosure 5 – AVT 2008 – Helicopter Commercial Ground Training

Enclosure 6 – AVF 2008 - Helicopter Commercial Pilot

Enclosure 7 – AVF 2105 - Helicopter External Load Ops

Enclosure 8 – AVF 3013 - Helicopter Flight Instructor

Enclosure 9 – AVF 3014 - Helicopter Flight Instructor – Instrument

Enclosure 10 – AVF 4007 - Helicopter Mountain Flying

Enclosure 11 – AVF 4009- Helicopter Turbine Transition
UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number: 3168182B

This certificate is issued to
BRISTOW ACADEMY INC.
whose business address is:
365 GOLDEN KNIGHTS BLVD.
TITUSVILLE, FLORIDA 32780

upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved PILOT SCHOOL:

with the following ratings:

PRIVATE PILOT COURSE   COMMERCIAL PILOT COURSE
INSTRUMENT RATING COURSE   AIRLINE TRANSPORT PILOT COURSE
FLIGHT INSTRUCTOR COURSE   FLIGHT INSTRUCTOR INSTRUMENT COURSE
ADDITIONAL AIRCRAFT CATEGORY OR CLASS RATING COURSE
SPECIAL PREPARATION COURSES

This certificate, unless canceled, suspended, or revoked,
shall continue in effect UNTIL NOVEMBER 30, 2010.

Date issued: NOV 21, 2000.

By direction of the Administrator

[Signature]

This Certificate is not Transferable, and any major change in the basic facilities, or in the location thereof,
shall be immediately reported to the appropriate regional office of the Federal Aviation Administration.

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

FAA Form 8080-4 (1-07) SUPERSEDES FAA FORM 338. AFS Electronic Forms System - v.2.2
March 3, 2010

Francois Ganswyk, Chief Instructor  
Bristow Academy, Inc (HIAS)  
365 Golden Knights Boulevard  
Titusville, FL 32780

Dear Mr. Ganswyk:

Bristow Academy, Inc is authorized under Air Agency Certificate No. HIAS182B, to conduct the following courses:

CERTIFICATION AND RATING COURSES

| Private Pilot | Commercial Pilot |
| Rotorcraft-Helicopter | Rotorcraft-Helicopter |
| Instrument | Additional Instrument |
| Rotorcraft-Helicopter | Rotorcraft-Helicopter |
| Airline Transport Pilot | Flight Instructor |
| Rotorcraft-Helicopter | Rotorcraft-Helicopter |
| Additional Flight Instructor | Flight Instructor Instrument |
| Rotorcraft-Helicopter | Rotorcraft-Helicopter |

SPECIAL PREPARATION COURSES

| Pilot Refresher | Rotorcraft External-Load Operations |
| Helicopter IFR Recurrent | Helicopter |
| Special Operations | Turbine Transition |
| Helicopter VFR Recurrent | Bell 206 Helicopter |
| HHU-269 & Bell 206 |

Sincerely,

[signature]

Timote Gilliard  
Acting Manager
**Florida Institute of Technology**

**ADDING A NEW COURSE TO THE CURRICULUM**

This course is available for student registration only after the approval process has been completed.

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- ☒ COLLEGE OF AERONAUTICS – 23
- ☐ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS – 25
- ☐ COLLEGE OF SCIENCE – 26
- ☐ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS – 90

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<td>Provides basic helicopter aeronautics instruction for rotorcraft private pilot candidates. Prepares flight students for the FAA private pilot-flight written examination. Includes aircraft components and helicopter flight principles.</td>
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In addition, please attach a course syllabus and/or more detailed description.

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<td>130 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7827</td>
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<td>RGR-006-00</td>
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This course is available for student registration only after the approval process has been completed.

SUBJECT: V (E.g., CSE)
COURSE NO: 1006 (E.g., 1301)
CREDIT HOURS: 3
TERM TO BE ADDED TO THE FILE: Spring 2011

CLASS HOURS: 4
LECTURE HOURS: 3
LAB HOURS: 6.5/semester
CONTACT HOURS (CEU ONLY): 4

DEPARTMENT: Aviation Flight
(Schedule Type: Flight)

☐ COLLEGE OF AERONAUTICS - 23
☐ NATHAN M. BISK COLLEGE OF BUSINESS - 24
☐ COLLEGE OF ENGINEERING - 11

COMPUTER TITLE: Restricted to 25 characters, including spaces
Helo Private Pilot

CATALOG TITLE: Helicopter Private Pilot

CATALOG DESCRIPTION OF COURSE: Restricted to 350 characters, including spaces
Provides initial helicopter flight instruction for helicopter private pilot candidates. Prepares students for the FAA rotorcraft-helicopter practical test.

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

REQUIREMENTS
☐ Prerequisite: Course Number
☐ Corequisite: Course Number

GRADES TO BE ISSUED
☒ A, B, C, D, F
☐ A, B, C, D, F, CEU
☐ CEU
☐ S, U
☐ P, F
☐ Other

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SUBJECT Alpha Prefix (E.g., CSE): 
COURSE NO. (E.g., 1301): 

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Originator
Date

Chair, Graduate Council
Date

OR

Department Head/Program Chair
Date

Dean or Associate Dean
Date

Chair, Undergraduate Curriculum Committee
Date

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RGR-080-409
This course is available for student registration only after the approval process has been completed.

SUBJECT AVT
(Course Code, e.g., CSE)
COURSE NO. 2007
(Course Number, e.g., 3010)
CREDIT HOURS 3
TERM TO BE ADDED TO THE FILE Spring 2011
(Example: Fall 2010)
CLASS HOURS 60/semester
LECTURE HOURS 60/semester
LAB HOURS
CONTACT HOURS (CEU ONLY)

DEPARTMENT Aviation Studies
(Schedule Type, e.g., Computer Sciences)
SCHEDULE TYPE Lecture (A)
(Example: Lecture, Lab or Special Topic/Project)

☐ 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 DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS – 90

COMPUTER TITLE Restricted to 25 characters, including spaces: Helo Instrument Ground
CATALOG TITLE Restricted to 350 characters, including spaces: Helicopter Instrument Ground Training
CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces: Prepares helicopter flight students for the FAA instrument-helicopter rating examination. Includes flight instruments, attitude instrument flying, navigation systems, regulations, air traffic control, airspace, aviation weather, flight planning and departure, en route and approach charts and procedures.

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

RESTRICTIONS
☐ Prerequisite AVT 1006
☐ Corequisite

Course No.

☐ Prerequisite
☐ Corequisite

Course No.

☐ Prerequisite
☐ Corequisite

Course No.

GRADABLE TO BE ISSUED
☐ A, B, C, D, F
☐ A, B, C, D, F, CEU
☐ CEU
☐ S, U
☐ P, F
☐ Other

ADDITIONAL RESTRICTION
(Examples: 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., CSE) COURSE NO. (e.g., 1301)

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Dean or Associate Dean
Date

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ADDING A NEW COURSE TO THE CURRICULUM

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SUBJECT AVF
(e.g., CSF)

COURSE NO. 2007
(e.g., 1301)

CREDIT HOURS 2

TERM TO BE ADDED TO THE FILE Spring 2011
(e.g., Fall 2010)

CLASS HOURS
LECTURE HOURS
LAB HOURS 40/semester
CONTACT HOURS (CEU ONLY)

DEPARTMENT Aviation Flight
(e.g., Computer Sciences)

SCHEDULE TYPE Flight
(e.g., Lecture, Lab or Special Topics/Project)

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

COMPUTER TITLE Restricted to 25 characters, including spaces Helo Instrument Pilot

CATALOG TITLE Helicopter Instrument Pilot

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces
Provides Instrument flight instruction in helicopters and flight training devices to prepare the student for the FAA instrument helicopter rating practical test. Awards FAA instrument helicopter rating on successful completion of the FAA instrument helicopter rating written examination, co- and prerequisites, and this course.

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

RESTRICTIONS
☒ Prerequisite AVF 1006
Course Number

☒ Corequisite AVT 2007
Course Number

☐ Prerequisite
Course Number

☐ Corequisite
Course Number

☐ Prerequisite
Course Number

☐ Corequisite
Course Number

GRADES TO BE ISSUED
☒ A, B, C, D, F
☐ A, B, C, D, F, CEU
☐ CEU
☐ S, U
☐ P, F
☐ Other

ADDITIONAL RESTRICTION Requirements: FAA helicopter private pilot certificate, class III or higher medical certificate
(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., CSF) COURSE NO. (e.g., 1301)

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Originator Date

Chair, Graduate Council Date

OR

Department Head/Program Chair Date

Chair, Undergraduate Curriculum Committee Date

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RGK-035-409
**Florida Institute of Technology**

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**COMPUTER TITLE** Restricted to 25 characters, including spaces: Helo Commercial Ground

**CATALOG TITLE** Helicopter Commercial Ground Training

**CATALOG DESCRIPTION OF COURSE:** Restricted to 350 characters, including spaces:

Provides advanced instruction for helicopter commercial pilot candidates to prepare for the FAA commercial pilot-helicopter written examination. Includes advanced aerodynamics, avionics, human factors and aeronautical decision-making.

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

**GRADES TO BE ISSUED**

- X A, B, C, D, F
- A, B, C, D, F, CEU
- CEU
- S, U
- P, F
- Other

**ADDITIONAL RESTRICTION** (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., AVT) 1006  
**COURSE NO.** (e.g., 1301)

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**ROR: 006-049**
Florida Institute of Technology

ADDDING A NEW COURSE TO THE CURRICULUM

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SUBJECT A V F
(e.g., CSE)

COURSE NO. 2 0 0 8
(e.g., 1301)

CREDIT HOURS 3

TERM TO BE ADDED TO THE FILE Spring 2011
(e.g., Fall 2010)

CLASS HOURS
LECTURE HOURS
LAB HOURS 115/semester
CONTACT HOURS (CEU ONLY)

DEPARTMENT Aviation Flight
(e.g., Computer Sciences)

SCHEDULE TYPE Flight
(e.g., Lecture, Lab, or Special Topics/Project)

☐ 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 DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS - 90

COMPUTER TITLE Restricted to 25 characters, including spaces Helicopter Commercial Pilot

CATALOG TITLE Helicopter Commercial Pilot

CATALOG DESCRIPTION OF COURSE Restricted to 330 characters, including spaces

Provides cross-country flight training to helicopter private pilot license-holders. Increases total flight in preparation for the FAA commercial pilot-helicopter practical test. Commercial pilot-rotorcraft helicopter certificate awarded by FAA on successful completion of the FAA commercial pilot-helicopter knowledge and flight tests.

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

REQUIREMENTS ✗ Prerequisite AVF 2007
Course Number

☐ Corequisite AVT 2008
Course Number

GRADUES TO BE ISSUED
A, B, C, D, F
A, B, C, D, F, CEU
CEU
C, S, U
P, F
Other

ADDITIONAL REQUIREMENTS: FAA private pilot-helicopter with Instrument rating; FAA class II or higher medical certificate.

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., CSE) COURSE NO. (e.g., 1301)

APPROVALS: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

Originator Date

Department Head/Program Chair Date

Dean or Associate Dean Date

Chair, Graduate Council Date

OR

Chair, Undergraduate Curriculum Committee Date

CATALOG DIRECTOR

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 ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

SUBJECT   AVF
(e.g., Computer Sciences)

COURSE NO.   2105
(e.g., 101)

CREDIT HOURS   1

TERM TO BE ADDED TO THE FILE Spring 2011
(e.g., Fall 2010)

CLASS HOURS

LECTURE HOURS

LAB HOURS 27/semester

CONTACT HOURS (CEU ONLY)

DEPARTMENT   Aviation Flight
(e.g., Computer Sciences)

SCHEDULE TYPE Flight
(e.g., Lecture, Lab or Special Topics/Project)

□ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS – 25

□ COLLEGE OF SCIENCE – 26

□ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS – 90

□ COLLEGE OF AERONAUTICS – 23

□ NATHAN M. BISK COLLEGE OF BUSINESS – 24

□ COLLEGE OF ENGINEERING – 1

COMPUTER TITLE Restricted to 25 characters, including spaces Helo External Load Ops

CATALOG TITLE Helicopter External Load Operations

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces

Provides advanced flight instruction in the methods and techniques of carrying a load outside the helicopter. Emphasizes flight safety. Includes short- and long-line helicopter external load operations.

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

□ CEU

□ S, U

□ P, F

□ Other

REQUIREMENTS: FAA private pilot-helicopter rating

□ 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., CSB)

COURSE NO.   (e.g., 1001)

APPROVALS Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

Originator Date

Chair, Graduate Council Date

Department/Program Chair Date

Dean or Associate Dean Date

Chair, Undergraduate Curriculum Committee Date

CATALOG DIRECTOR

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R09-009-00
## Adding a New Course to the Curriculum

This course is available for student registration only after the approval process has been completed.

<table>
<thead>
<tr>
<th>Subject</th>
<th>A V F COURSE NO.</th>
<th>3 0 1 3 CREDIT HOURS</th>
<th>3 TERM TO BE ADDED TO THE FILE</th>
<th>Spring 2011 (e.g., Fall 2010)</th>
</tr>
</thead>
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<tr>
<th>Class Hours</th>
<th>Lecture Hours</th>
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<tbody>
<tr>
<td>40</td>
<td></td>
<td>28/semester</td>
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### Department

- Aviation Flight
- SCHEDULE TYPE: Flight

- COLLEGE OF AERONAUTICS – 23
- NATHAN M. BISK COLLEGE OF BUSINESS – 24
- COLLEGE OF SCIENCE – 26
- EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS – 90

### Computer Title

Restricted to 25 characters, including spaces: Helicopter Flight Instructor

### Catalog Title

Heli Flight Instructor

### Catalog Description of Course

Restricted to 350 characters, including spaces:

Provides training for helicopter commercial- and instrument-rated pilots to qualify for the FAA certified flight instructor-helicopter certificate. Certificate awarded by FAA on successful completion of this course and the required FAA knowledge and flight tests.

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

<table>
<thead>
<tr>
<th>Restrictions</th>
<th>Prerequisite AVT 3101</th>
<th>Corequisite Course Number</th>
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<tr>
<td></td>
<td>Prerequisite Course Number</td>
<td>Corequisite Course Number</td>
</tr>
<tr>
<td></td>
<td>Prerequisite Course Number</td>
<td>Corequisite Course Number</td>
</tr>
</tbody>
</table>

### Grades to Be Issued

- A, B, C, D, F
- A, B, C, D, F, CEU
- CEU
- S, U
- P, F
- Other

### Additional Restrictions

Requirements: FAA commercial pilot-helicopter instrument rating; Instructor 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.

### Approval

Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

<table>
<thead>
<tr>
<th>Originator Name</th>
<th>Date</th>
<th>Chair, Graduate Council</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Department Head/Program Chair</td>
<td>Date</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Dean or Associate Dean</th>
<th>Date</th>
<th>Chair, Undergraduate Curriculum Committee</th>
<th>Date</th>
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</thead>
</table>

### Catalog Director

These changes/additions have been made for the University Catalog/policy management system and entered into the BANNER term named above.

<table>
<thead>
<tr>
<th>Catalog Director Name</th>
<th>Date</th>
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RIR-036-40
Adding a New Course to the Curriculum

This course is available for student registration only after the approval process has been completed.

Subject: Aeronautics
Course No.: 3014
Credit Hours: 2
Term to be added to the file: Spring 2011

Class Hours: ____________
Lecture Hours: ____________
Lab Hours: 39/semester
Contact Hours (CEU only): ____________

Department: Aviation Flight
(e.g., Computer Sciences)
Schedule Type: Flight
(e.g., Lecture, Lab or Special Topics/Project)

College of Aeronautics - 23
- College of Psychology and Liberal Arts - 25
- College of Science - 26
- College of Engineering - 1
- Extended Studies Division / Nathan M. Bisk College of Business - 90

Computer Title: Restricted to 25 characters, including spaces
Helicopter Flight Instructor - Instrument

Catalog Title: Helicopter Flight Instructor - Instrument

Catalog Description of Course: Restricted to 350 characters, including spaces
Prepares certified flight instructors to become instrument flight instructors in helicopters. Develops skills in analyzing student procedures and maneuvers in all instrument flight procedures through ground instruction and flight in the instructor's seat. Requires passing the FAA knowledge test and flight test.

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

Restrictions: Prerequisite: ____________ Course Number ____________
Corequisite: ____________ Course Number ____________

Grades to be issued: A, B, C, D, F

Additional Restriction: Requirements: FAA flight instructor-helicopter certificate

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., CSE) ____________
Course No. (e.g., 1301) ____________

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

Originator ____________ Date ____________
Chair, Graduate Council ____________ Date ____________

Department Head/Program Chair ____________ Date ____________

Dean or Associate Dean ____________ Date ____________
Chair, Undergraduate Curriculum Committee ____________ Date ____________

Catalog Director ____________ Date ____________

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RGR-834-209
ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

<table>
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<th>SUBJECT</th>
<th>V</th>
<th>F</th>
<th>COURSE NO.</th>
<th>CREDIT HOURS</th>
<th>TERM TO BE ADDED TO THE FILE</th>
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<tbody>
<tr>
<td>A</td>
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<td></td>
<td>4007</td>
<td>1</td>
<td>Spring 2011 (e.g., Fall 2010)</td>
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<thead>
<tr>
<th>CLASS HOURS</th>
<th>LECTURE HOURS</th>
<th>LAB HOURS</th>
<th>CONTACT HOURS (CEU ONLY)</th>
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<tr>
<td></td>
<td></td>
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<tr>
<th>DEPARTMENT</th>
<th>SCHEDULE TYPE</th>
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<tr>
<td>Aviation Flight</td>
<td>Flight</td>
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</table>

| (e.g., Computer Sciences) | (e.g., Lecture, Lab, or Special Topics/Project) |

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<thead>
<tr>
<th>DEPARTMENT</th>
<th>COURSE</th>
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<tbody>
<tr>
<td>COLLEGE OF AERONAUTICS – 23</td>
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<tr>
<td>NATHAN M. BISK COLLEGE OF BUSINESS – 24</td>
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<tr>
<td>COLLEGE OF ENGINEERING – 1</td>
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<tr>
<td>EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS – 90</td>
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<thead>
<tr>
<th>COMPUTER TITLE</th>
<th>HELICOPTER MOUNTAIN FLYING</th>
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</table>

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<tr>
<th>CATALOG TITLE</th>
<th>HELICOPTER MOUNTAIN FLYING</th>
</tr>
</thead>
</table>

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces

Provides the theory and practice of helicopter operations in mountainous/high altitude conditions. Emphasizes safety techniques in rotary wing operations in challenging environments such as high density altitude conditions.

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

<table>
<thead>
<tr>
<th>GRADES TO BE ISSUED</th>
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<tbody>
<tr>
<td>A, B, C, D, F</td>
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<td>A, B, C, D, F, CEU</td>
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<td>CEU</td>
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<td>S, U</td>
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<tr>
<td>P, F</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

ADDITIONAL RESTRICTION Requirements: FAA private pilot-helicopter rating

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.

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Department Head/Program Chair Date

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ADDING A NEW COURSE TO THE CURRICULUM

SUBJECT AVF (e.g., CSF)
COURSE NO. 4009 (e.g., 1301)
CREDIT HOURS 1
TERM TO BE ADDED TO THE FILE Spring 2011
(e.g., Fall 2010)

CLASS HOURS LECTURE HOURS LAB HOURS 16/semester CONTACT HOURS (CEU ONLY)

DEPARTMENT Aviation Flight
(Schedule Type Flight
(e.g., Computer Sciences)

☑ 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 DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS - 90

COMPUTER TITLE Restricted to 25 characters, including spaces Help Turbina Transition

CATALOG TITLE Helicopter Turbina Transition

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces

Provides advanced flight instruction in larger, turbine-powered helicopters such as the Bell 206 Jet Ranger. Includes the challenge and associate with flying a turbine-engine aircraft. Emphasizes maximum performance takeoffs, auto-rotations and emergency procedures.

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

RESTRICTIONS ☑ Prerequisite AVF 1004 Courses Number
☑ Corequisite Course Number
☑ Prerequisite AVT 1003 Course Number
☑ Corequisite Course Number
☐ Prerequisite Course Number
☑ Corequisite Course Number

ADDITIONAL RESTRICTION Requirements: FAA private pilot-helicopter rating (e.g., Major, Class Level, Department Head Approval)

GRADES TO BE ISSUED ☑ A, B, C, D, F
☐ A, B, C, D, F, CEU
☐ CEU
☐ S, U
☐ P, F
☐ Other

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., CSF) 
COURSE NO. (e.g., 1301) 

APPROVAL: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

 Originator Date Chair, Graduate Council Date

Department Head/Program Chair Date

Dean or Associate Dean Date Chair, Undergraduate Curriculum Committee Date

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