## MEMORANDUM

TO:             Faculty Senate

FROM:           Jack Kirby

DATE:           April 5, 2016

SUBJECT:        Curriculum Proposal #15-16-15, REV #1

                Aviation Administration/Professional Flight


I recommend approval of the attached REVISION #1 Curriculum Proposal 15-16-15. This proposal seeks to remove AVMA 1101 and 1103 from the required curriculum of the Aviation Administration/Professional Flight programs and list them as electives. The number of required courses is reduced from 45 credit hours down to 39 credit hours; it also changes the total number of elective credit hours from 3 credit hours to 9 credit hours.


Dr. Christina Lavorata
Dr. Donald Trisel
Ms. Leslie Lovett
Ms. Cheri Gonzalez
Dr. Shayne Gervais

## MEMORANDUM

TO:           Curriculum Committee

FROM:        Jack Kirby

DATE:        March 21, 2016

SUBJECT:    Curriculum Proposal #15-16-15

                    Aviation Administration/Professional Flight

      I recommend approval of the attached Curriculum Proposal 15-16-15. This proposal seeks to remove AVMA 1101 and 1103 from the required curriculum of the Aviation Administration/Professional Flight programs and list them as electives. The number of required courses is reduced from 45 credit hours down to 39 credit hours; it also changes the total number of elective credit hours from 3 credit hours to 9 credit hours.

        Dr. Christina Lavorata
        Dr. Donald Trisel
        Ms. Leslie Lovett
        Ms. Cheri Gonzalez
        Dr. Shayne Gervais

| **Proposal Number:** | 15-16-15 |
| --- | --- |
| **School/Department/Program:** | College of Science and Technology, Dept. of Technology, Aviation Administration/Professional Flight Program |
| **Preparer/Contact Person:** | Donald E. Trisel |
| **Telephone Extension:** | 304.367.4844 |
| **Date Originally Submitted:** | 3/17/2016 |
| **Revision (Indicate date and label it Revision #1, #2, etc.):** | Revision #1 |
| **Implementation Date Requested:** | Fall 2016 |

I. **PROPOSAL**. Write a brief abstract, not exceeding 100 words, which describes the overall content of the proposal.

This proposal removes AVMA 1101 and 1103 (Private Pilot ground and flight school courses) from the required curriculum of the Aviation Administration/Professional Flight program and lists them as electives instead. The number of required courses (outside of the common core) is reduced from 45 credit hours down to 39 credit hours. It also changes the total number of elective credit hours from 3 to 9. Some corrections to the catalog are also included.

II. **DESCRIPTION OF THE PROPOSAL**. Provide a response for each letter, A-H, and for each Roman Numeral II–V. If any section does not apply to your proposal, reply N/A.

A. Deletion of course(s) or credit(s) from program(s)
   ***Courses listed below as required in Catalog Model Schedule 2015/16 includes:***

   Remove from list of <u>required</u> courses, but <u>not</u> being removed from the program/catalog:
   | | | |
   | --- | --- | --- |
   | AVMA 1101 | Private Pilot Technology | 3 |
   | AVMA 1103 | Private Pilot Technology Lab | 3 |

   Total hours deleted.   6

B. Addition of course(s) or credit(s) to program(s)

   List as Major Electives:
   | | | | |
   | --- | --- | --- | --- |
   | AVMA 1101 | Private Pilot Technology | FSU Owned | 3 |
   | AVMA 1103 | Private Pilot Technology Lab | FSU Owned | 3 |

   Total hours added.   6 optional elective hours

C. Provision for interchangeable use of course(s) with program(s)
   - NA

D. Revision of course content. Include, as an appendix, a revised course description, written in complete sentences, suitable for use in the university catalog.
   - NA

E. Other changes to existing courses such as changes to title, course number, and elective or required status.

   - Change total number of required Major Elective credits to 9 hours.

F. Creation of new course(s). For each new course

    1. Designate the course number, title, units of credit, prerequisites (if any), ownership (FSU or shared) and specify its status as an elective or required course. If you are creating a shared course, attach a memo from the Deans of the affected Schools explaining the rationale for the course being shared.
-NA

    2. Include, as an appendix, a course description, written in complete sentences, suitable for use in the college catalog.
-NA

    3. Include, as an appendix, a detailed course outline consisting of at least two levels.
-NA

    4. In order to meet the requirements as outlined in Goal One of the Strategic Plan, please include Outcome Competencies and Methods of Assessment as an appendix. Examples are available upon request from the Chair of the Curriculum Committee.
-NA

G. Attach an itemized summary of the present program(s) affected, if any, and of the proposed change(s).

    Describe how this proposal affects the hours needed to complete this program. Specifically, what is the net gain or loss in hours? Use the format for Current and Proposed Programs in Appendix A.

III.   **RATIONALE FOR THE PROPOSAL**.
A. **Quantitative Assessment**: Indicate the types of assessment data, i.e., surveys, interviews, capstone courses, projects, licensure exams, nationally-normed tests, locally developed measurements, accreditation reports, etc., that were collected and analyzed to determine that curricular changes were warranted. Quantitative data is preferred.

- The changes are being mandated by the Federal Government. The VA Office will no longer provide funding to support veterans enrolling in Private Pilot training. As such, the two courses must be removed from the curriculum as requirements. It is permissible to list the two courses as electives.

B. **Qualitative Assessment**: Based upon the assessment data above, indicate why a curricular change is justified. Indicate the expected results of the change. Be sure to include an estimate of the increased cost, or reduction in cost of implementation. FOR EXAMPLE: Will new faculty, facilities, equipment, or library materials be required?

- If the changes are not made, the veteran students will not be eligible for VA funding to study Aviation at FSU. Since we are making the changes, the VA office will fund at least a portion of the remainder of the curriculum, including the Instrument and Commercial ground and flight school courses.

IV.   Should this proposal affect any course or program in another school, a memo must be sent to the Dean of each school impacted and a copy of the memo(s) must be included with this proposal. In addition, the Deans of the affected schools must sign below to indicate their notification of this proposal.

By signing here, you are indicating your college's/school's notification of this proposal.

| College/School | Dean | Signature |
|---|---|---|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

V.      Should this proposal affect any course to be added or deleted from the general studies requirements, a memo from the chair of the General Studies Committee indicating approval of the change must be included with this proposal.
        -No courses will be added or deleted from the general studies offerings.

VI.     ADDITIONAL COMMENTS.

BS in Aviation Administration/Professional Flight
**Current Program**

| Required Major Courses | | HRS | |
|---|---|---|---|
| AVMA 3301 | Aviation History | 3 | |
| AVMA 3302 | Aviation Law | 3 | |
| AVMA 3303 | Airline Operations | 3 | |
| AVMA 3304 | Aviation Maintenance Management | 3 | |
| AVMA 3305 | General Aviation Operations | 3 | |
| AVMA 3307 | Aviation Safety | 3 | |
| AVMA 4402 | Fiscal Aspects of Aviation Management | 3 | |
| BSBA 2209 | Principles of Management | 3 | |
| MGMT 3390 | Organizational Behavior | 3 | |
| | **Aviation Common Core =** | | **27 hours** |
| | | | |
| BSBA 2201 | Principles of Accounting | 3 | |
| BSBA 2204 | Principles of Marketing | 3 | |
| BSBA 3310 | Business & Economics Statistics | 3 | |
| AVMA 1101 | Private Pilot Technology | 3 | |
| AVMA 1102 | Intro to Air Traffic Control | 3 | |
| AVMA 1103 | Private Pilot Flight Lab | 3 | |
| AVMA 2201 | Instrument Pilot Rating | 3 | |
| AVMA 2204 | Instrument Pilot Flight Lab | 3 | |
| AVMA 2206 | Aviation Security | 3 | |
| AVMA 2211 | Airport Management | 3 | |
| AVMA 2213 | Airport Planning and Development | 3 | |
| AVMA 3300 | Commercial Pilot Technology | 3 | |
| AVMA 3306 | Commercial Pilot Flight Lab | 3 | |
| SFTY 1100 | Safety & Environmental Components of Industry | 3 | |
| SFTY 1150 | Safety Management & Concepts in Accident Prevention | 3 | |
| AVMA 44xx | One required 3 hour elective from list | 3 | |
| | **Required Courses in Major** | | **48 hours** |

| **TOTAL HOURS FOR MAJOR** | **75** |
|---|---|

Red text highlights the two courses to be removed.

| Required General Studies Courses | | |
|---|---|---|
| Attribute IA – Critical Analysis | | 3 |
| | ENGL 1108 old number<br>(1102 = new number; also fulfills IE) | |
| Attribute IB – Quantitative Literacy | | 3 |
| | MATH 1102 or MATH 1112 | |
| Attribute IC – Written Communication | | 3 |
| | ENGL 1104 old number (1101 = new number) | |
| Attribute ID - Teamwork | | 3 |
| | MANF 2250 | |
| Attribute IE – Information Literacy | | X |
| | ENGL 1108  old number<br>(1102 = new number; also fulfills IA) | |
| Attribute IF – Technology Literacy | | 3 |
| | Tech 1100 or BISM 1200 or ENGL 1109 | |
| Attribute IG – Oral Communication | | 3 |
| | COMM 2200, 2201, or 2202; Also fulfills IV. | |
| Attribute II – Proficiency in the Major | | X |
| | To Be Fulfilled By Major Courses | |
| Attribute III - Citizenship | | 3 |
| | POLI 1103, Also fulfills VI. | |
| Attribute IV - Ethics | | 3 (error in catalog) |
| | Met with I.G. (COMM 2200, 2201, or 2202) | |
| Attribute V - Health | | 2-3 |
| | student choice via available selections in category | |
| Attribute VI - Interdisciplinary | | X |
| | Met with III. (POLI 1103) | |
| Attribute VIIA - Arts | | 3 |
| | student choice via available selections in category | |
| Attribute VIIB - Humanities | | 3 |
| | student choice via available selections in category | |
| Attribute VIIC – Social Sciences | | 3 |
| | BSBA 2200 or 2201 or PSYC 1101 or SOCY 1110 | |
| Attribute VIID - Natural Science | | 4-5 |
| | PHYS 1101 or 1105 | |
| Attribute VIII – Cultural Awareness | | 3 |
| | student choice via available selections in category | |
| | | |
| | | |
| | | |
| **TOTAL GENERAL STUDIES HOURS** | | **39-41** |
| **TOTAL  FREE ELECTIVES** | | **4-6** |
| **TOTAL HOURS** | | **120** |

Red text to be removed.

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## BS in Aviation Administration/Professional Flight
### Proposed Program

| Required Major Courses | | HRS | |
|---|---|---|---|
| AVMA 3301 | Aviation History | 3 | |
| AVMA 3302 | Aviation Law | 3 | |
| AVMA 3303 | Airline Operations | 3 | |
| AVMA 3304 | Aviation Maintenance Management | 3 | |
| AVMA 3305 | General Aviation Operations | 3 | |
| AVMA 3307 | Aviation Safety | 3 | |
| AVMA 4402 | Fiscal Aspects of Aviation Management | 3 | |
| BSBA 2209 | Principles of Management | 3 | |
| MGMT 3390 | Organizational Behavior | 3 | |
| | **Aviation Common Core =** | | **27 hours** |
| | | | |
| BSBA 2201 | Principles of Accounting | 3 | |
| BSBA 2204 | Principles of Marketing | 3 | |
| BSBA 3310 | Business & Economics Statistics | 3 | |
| AVMA 1102 | Intro to Air Traffic Control | 3 | |
| AVMA 2201 | Instrument Pilot Technology | 3 | |
| AVMA 2204 | Instrument Pilot Technology Lab | 3 | |
| AVMA 2206 | Aviation Security | 3 | |
| AVMA 2211 | Airport Management | 3 | |
| AVMA 2213 | Airport Planning and Development | 3 | |
| AVMA 3300 | Commercial Pilot Technology | 3 | |
| AVMA 3306 | Commercial Pilot Technology Lab | 3 | |
| SFTY 1100 | Safety & Environmental Components of Industry | 3 | |
| SFTY 1150 | Safety Management & Concepts in Accident Prevention | 3 | |
| AVMA xxxx | Select 9 hrs of electives from list | 9 | |
| | **Required Courses in Major** | | **48 hours** |

| TOTAL HOURS FOR MAJOR | 75 |
|---|---|

Blue text highlights the changes made to account for two courses being removed from the list of required courses.
Green text highlights language update needed to be current with course descriptions.

List of Major Electives: Select 9 credit hours from the following list.

| AVMA 1101 | Private Pilot Technology | 3 hrs |
|---|---|---|
| AVMA 1103 | Private Pilot Technology Lab | 3 hrs |
| AVMA 4401 | Aviation Industry Research and Analysis | 3 hrs |
| AVMA 4403 | Aviation Project | 3 hrs |
| AVMA 4411 | Aviation Industry Internship | 3 hrs |
| AVMA 4498 | Undergraduate Research | 3 hrs |

Proposed

| Required General Studies Courses | | |
|---|---|---|
| Attribute IA – Critical Analysis | | 3 |
| | ENGL 1108 old number<br>(1102 = new number; also fulfills IE) | |
| Attribute IB – Quantitative Literacy | | 3 |
| | MATH 1102 or MATH 1112 | |
| Attribute IC – Written Communication | | 3 |
| | ENGL 1104 old number (1101 = new number) | |
| Attribute ID - Teamwork | | 3 |
| | MANF 2250 | |
| Attribute IE – Information Literacy | | X |
| | ENGL 1108  old number<br>(1102 = new number; also fulfills IA) | |
| Attribute IF – Technology Literacy | | 3 |
| | Tech 1100 | |
| Attribute IG – Oral Communication | | 3 |
| | COMM 2200, 2201, or 2202; Also fulfills IV. | |
| Attribute II – Proficiency in the Major | | X |
| | To Be Fulfilled By Major Courses | |
| Attribute III - Citizenship | | 3 |
| | POLI 1103, Also fulfills VI. | |
| Attribute IV - Ethics | | X |
| | Met with I.G. (COMM 2200, 2201, or 2202) | |
| Attribute V - Health | | 2-4 |
| | student choice via available selections in category | |
| Attribute VI - Interdisciplinary | | X |
| | Met with III. (POLI 1103) | |
| Attribute VIIA - Arts | | 3 |
| | student choice via available selections in category | |
| Attribute VIIB - Humanities | | 3 |
| | student choice via available selections in category | |
| Attribute VIIC – Social Sciences | | 3 |
| | BSBA 2200 or 2201 or PSYC 1101 or SOCY 1110 | |
| Attribute VIID - Natural Science | | 4-5 |
| | PHYS 1101 or 1105 | |
| Attribute VIII – Cultural Awareness | | 3 |
| | student choice via available selections in category | |
| | | |
| | | |
| | | |

| | |
|---|---|
| **TOTAL GENERAL STUDIES HOURS** | **39-42** |

| | |
|---|---|
| **TOTAL  FREE ELECTIVES** | **3-6** |

| | |
|---|---|
| **TOTAL HOURS** | **120** |

Blue text = changes from the current program.