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To: Committee on Academic Affairs

Re: Aviation Minor Revisions

Date: November 5, 2015

Dear Committee:

Attached please find a revised curriculum sheet for the Aviation Minor (AVIAASC-MN). As per your requests, we have modified this minor to reflect the following:

- Satisfactory/Unsatisfactory graded courses (Aviation 3193, 3194, 4800) are limited to 3 credit hours, to reflect the maximum allowable credit hours of S/U course work within the minor.
- A number of elective courses that required more than a reasonable number of prerequisite courses were removed from the list of courses from which to select. These included most flight laboratory courses and advanced classroom based flight courses (Aviation 3101, 4101, 4100, 4300, 4301, 5100, 5101, and 5102).

Please note the following:

- We have chosen to keep AVIATION 5000 as an eligible elective course. We have had success with students taking an "aviation management sequence" within the minor, which includes courses AVIATION 3000 (a core course for the minor), AVIATION 4000 (an elective course for the minor which has 3000 as a prerequisite), and AVIATION 5000 (an elective course for the minor which has 4000 as a prerequisite). AVIATION 5000 does have an "undergraduate section" so no permission from the graduate school to take this course by non-aviation majors should be required.
- We have chosen to keep AVIATION 5300 as an eligible elective course. We have had success with students taking an "airport sequence" within the minor, which includes courses AVIATION 3000 (a core course for the minor), AVIATION 4400 (an elective course for the minor which has 3000 as a prerequisite), and AVIATION 5300 (an elective course for the minor which has 3000 as a prerequisite). AVIATION 5300 does have an undergraduate section so no permission from the graduate school to take this course by non-aviation majors should be required. Please note that AVIATION 5300 is a co-listed course with CIVILENG 5300 and CRP 5300.



For your information, below is a table identifying the pre-requisites for each course listed on the Aviation minor form:

<u>Course</u>	<u>Title</u>	<u>Term(s) Offered</u>	<u>Prerequisites</u>
AVIATN 2000 (3hrs)	Intro to Aviation Industry	AU, SP	None
AVIATN 2100 (5 hrs)	Private Pilot Fundamentals	AU, SP, SU	None
AVIATN 3000 (3 hrs)	Aviation Management and Marketing	AU, SP	AVIATN 2000 and 2100; Concur: Second-level writing course or AVIATN 2200
AVIATN 2101 (2 hrs)	Private Pilot Flight Lab I	AU, SP, SU	B- or above in AVIATN 2100; CPHR 2.00
AVIATN 2102 (2 hrs)	Private Pilot Flight Lab II	AU, SP, SU	AVIATN 2101; CPHR 2.00
AVIATN 2200 (3 hrs)	Aviation Communications	AU, SP	AVIATN 2000 and 2100
AVIATN 2300 (3 hrs)	Aircraft Performance and Weather	AU, SP	AVIATN 2000 and 2100
AVIATN 3100 (3 hrs)	Instrument Flight Fundamentals	AU, SP	B- or above in AVIATN 2100; AVIATN 2101 and 2102
AVIATN 3193 (2-3 hrs)	Individual Studies in Aviation	AU, SP, SU	Permission of Instructor; minor declared
AVIATN 3194 (2-3 hrs)	Group Studies in Aviation	AU, SP	AVIATN 3000; minor declared
AVIATN 3200 (3 hrs)	Aviation Regulations	AU, SP	Prereq or concur AVIATN 3000; minor declared
AVIATN 3300 (3 hrs)	Aviation Human Factors and Safety	AU, SP	Prereq or concur AVIATN 3000; minor declared
AVIATN 3400 (3 hrs)	Aviation Accident Investigation	AU	Prereq or concur AVIATN 3000; minor declared
AVIATN 3500 (3 hrs)	Airline Labor Relations	SP	Prereq or concur AVIATN 3000; minor declared
AVIATN 4000 (3 hrs)	Air Transportation Analysis I	AU	AVIATN 3000; minor declared
AVIATN 4400 (3 hrs)	Airport Management	AU	AVIATN 3000; minor declared
AVIATN 4800 (2-3 hrs)	Professional Practice in Industry	AU, SP	Permission of Instructor; minor declared
AVIATN 5000 (3 hrs)	Air Transportation Analysis II	SP	AVIATN 4000; minor declared
AVIATN/CIVILENG/CRP 5300 (3 hrs)	Airport Planning, Design and Development	SP	AVIATN 3000; minor declared



**THE OHIO STATE UNIVERSITY**

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I hope these revisions meet the needs of the  
CAA. If you have any questions regarding these revisions, please do not hesitate to contact me at  
[young.1460@osu.edu](mailto:young.1460@osu.edu) or Danielle Brown, CAS Academic Adviser, at [brown.2199@osu.edu](mailto:brown.2199@osu.edu).

Regards,

Seth Young, Ph.D., A.A.E., CFI  
McConnell Chair of Aviation  
Director, Center for Aviation Studies

**The Ohio State University  
College of Engineering  
Aviation Minor (AVIAASC-MN)**

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**Overview**

The minor in Aviation consists of a minimum of 17 credit hours of required and elective course work as listed below.

The Aviation minor does not have an application process. A student needs to file a Minor Program Form with their academic advisor or college office prior to starting the 3000-level or higher Aviation courses.

*Some courses in this minor may have pre-requisites. Please consult the course bulletin before enrolling in courses*

**Required courses (11 credit hours)**

Aviation 2000: Intro to the Aviation Industry (3)  
Aviation 2100: Private Pilot Fundamentals (5)  
Aviation 3000: Aviation Management & Marketing (3)

**Elective course work (min 6 credit hours)**

Select at least six (6) credit hours from:

Aviation 2101: Private Pilot Flight Lab I (2)  
Aviation 2102: Private Pilot Flight Lab II (2)  
Aviation 2200: Aviation Communications (3)  
Aviation 2300: Aircraft Performance and Weather (3)  
Aviation 3100: Instrument Flight Fundamentals (3)  
Aviation 3193: Individual Studies in Aviation (2-3)  
Aviation 3194: Group Studies in Aviation (2-3)  
Aviation 3200: Aviation Regulations (3)  
Aviation 3300: Aviation Human Factors & Safety (3)  
Aviation 3400: Aviation Accident Investigation (3)  
Aviation 3500: Airline Labor Relations (3)  
Aviation 4000: Air Transportation Analysis I (3)  
Aviation 4400: Airport Management (3)  
Aviation 4800: Professional Practice in Industry (2-3)  
Aviation 5000: Air Transportation Analysis II (3)  
Aviation/Civil Engineering/City and Regional Planning 5300: Airport Planning, Design, & Development (3)

**Aviation minor program guidelines**

Required for Graduation No

Credit Hours Required

A minimum of 17 credit hours. **At least 6 credit hours need to be at the 3000 level or above**

Transfer and EM Credit Hours Allowed

A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination toward the minor.

Overlap with the Major and Additional Minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minors.

Grades Required

- Minimum C- for a course to be listed on the minor.
- Minimum B- required for Aviation 2100 in order to take Aviation 2101, 2102 and 3100.
- Minimum 2.00 cumulative point-hour ratio required to take Aviation 2101 and 2102.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count towards the minor.

X193 Credits

No more than 3 credit hours

Flight Labs

Flight lab fees are not included with Ohio State tuition and is therefore an additional charge. For a list of flight lab fees, please contact the Center for Aviation Studies.

Filing the Minor Program Form

The minor program form must be submitted by the student to their academic advisor or college office prior to starting the 3000-level or higher Aviation courses

Variation From Program

Any variation from the program described above needs the approval of the coordinating advisor in the Center for Aviation Studies.