

Q2S Binder for Aviation

General Info

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Department/School Info

College: ENT(null)
Department: AVN(Aviation)
Mission: Mission Statement
 The mission of the Department of Aviation is:
 ¿To pursue excellence in providing quality undergraduate education for our students.
 ¿To prepare students to meet the demands of the national aviation system by preparing them academically and intellectually, by exposing them to real world experiences, and by introducing them to the people who can provide them with real world information.
 ¿To engage in applied aviation research and scholarly endeavors that may benefit government, industry, general aviation, the public and our students.
 ¿To provide leadership, expertise, and professional development opportunities for aviation professionals.
 ¿To promote a greater understanding of aviation among the general public.

Programs

Moving to Semesters	Code	Name	Degree	Status	Level
Yes	AA7250	AVIATION FLIGHT TECHNOLOGY	ASSOCIATE IN APPLIED SCIENCE	REVIEW	UCC
Yes	BS7258	FLIGHT OPTION	BACHELOR OF SCIENCE IN AVIATION	REVIEW	UCC
Yes	BS7261	MANAGEMENT OPTION	BACHELOR OF SCIENCE IN AVIATION	REVIEW	UCC
Yes	SCAVN	AVN Shared Components	AVN Shared Components	REVIEW	UCC

Courses

Course ID	Name	Course Type	Doc. Type	Doc. Status	Review Level
AVN 1000	Introduction to Aviation		EXPEDITED	REVIEW	UCC
AVN 1100	Private Pilot Ground		EXPEDITED	REVIEW	UCC
AVN 2400	Private Pilot Flight Course		EXPEDITED	REVIEW	UCC
AVN 2403	Private Pilot Flight Transfer		EXPEDITED	REVIEW	UCC
AVN 3000	Aviation Laws and Regulations		EXPEDITED	REVIEW	UCC
AVN 3050	Aviation Weather		EXPEDITED	REVIEW	UCC
AVN 3100	Instrument Pilot Ground		EXPEDITED	REVIEW	UCC
AVN 3150	Aviation Safety		EXPEDITED	REVIEW	UCC
AVN 3250J	Professional Aviation Comm	TIER1	SEMESTER	REVIEW	UCC
AVN 3400	Cross-Country Flight		EXPEDITED	REVIEW	UCC
AVN 3500	Commercial Pilot Ground		EXPEDITED	REVIEW	UCC
AVN 3600	The National Airspace System		EXPEDITED	REVIEW	UCC
AVN 3700	Aircraft Systems & Powerplants		SEMESTER	REVIEW	UCC
AVN 3800	GEN AVN OPS AND MGT		EXPEDITED	REVIEW	UCC
AVN 3900	Airline Operations Management		EXPEDITED	REVIEW	UCC
AVN 4000	Instrument Flight Course		EXPEDITED	REVIEW	UCC
AVN 4050	Advanced Cross Country Flight		EXPEDITED	REVIEW	UCC
AVN 4100	Aviation Ground Instructor		EXPEDITED	REVIEW	UCC
AVN 4150	Instrument Proficiency Check		EXPEDITED	REVIEW	UCC
AVN 4200	COMMERCIAL FLIGHT		SEMESTER	REVIEW	UCC
AVN 4300	MULTIENGINE FLIGHT		SEMESTER	REVIEW	UCC
AVN 4350	Flight Engineer		EXPEDITED	REVIEW	UCC
AVN 4400	FLIGHT INSTRUCTOR GROUND		EXPEDITED	REVIEW	UCC
AVN 4450	Flight Instructor Flight		EXPEDITED	REVIEW	UCC
AVN 4500	INSTRUMENT INSTR GROUND		EXPEDITED	REVIEW	UCC
AVN 4550	INSTRUMENT INSTRUCTOR FLT		SEMESTER	REVIEW	UCC
AVN 4600	ATP Ground Instruction		EXPEDITED	REVIEW	UCC
AVN 4620	Multi-Engine Cross Country		EXPEDITED	REVIEW	UCC
AVN 4650	FLIGHT INSTRUCTOR MULTIE		SEMESTER	REVIEW	UCC

AVN 4700	ATP FLIGHT COURSE		SEMESTER	REVIEW	UCC
AVN 4750	Aviation Internship		EXPEDITED	REVIEW	UCC
AVN 4800	BUSINESS IN AVIATION	TIER3	SEMESTER	REVIEW	UCC
AVN 4850	ADV ACFT/FLT CREW OPS		EXPEDITED	REVIEW	UCC
AVN 4860	Principles of Corporate Flight		EXPEDITED	REVIEW	UCC
AVN 4870	Corporate Flight Internship		EXPEDITED	REVIEW	UCC
AVN 4890	Transition to AVN Industry		EXPEDITED	REVIEW	UCC

Exceptions - Credit Analysis

Course ID	Name	Type	Credit Hours	Components	Doc. Status	Review Level
AVN 2400	Private Pilot Flight Course	EXPEDITED	3.0	LECTURE LABORATORY	1.0 6.0	REVIEW UCC
AVN 4750	Aviation Internship	EXPEDITED	4.0 - 16.0	TUTORIAL	8.0	REVIEW UCC

Exceptions - Non Three Hour Lecture

The Ohio University Faculty Senate Resolution on the Number of Semester Hours per Course and Course Meeting Times for Quarters to Semesters (<http://www.ohio.edu/facultysenate/upload/CourseHourTimeResolutionfinal4-2009.doc>) resolved that, as a norm, undergraduate lecture courses on the Athens Campus shall be 3 semester hours and that exceptions to these norms will be allowed on the basis of pedagogical justification specific to a course or course sequence.

Three-hour courses are important for balancing student schedules, and three lecture hour per week blocks are important for classroom utilization. It is understood that there are special cases where the 3-lecture hour course norm does not apply, sometimes for categories of courses (recitals or band), sometimes for disciplinary standards, and sometimes for other reasons.

For the semester courses taught by your department that do not meet the 3 lecture hour norm, give a brief explanation of why the norm was not followed and/or what circumstances make these deviations from the norm not create a problem with classroom scheduling or student schedules. (Notes: Categories of courses can be addressed as a group rather than individually. If you are using a 'disciplinary standard' argument, please make comparisons to Ohio Schools on semesters or to Ohio University peer schools on semesters. If you are using a block scheduling approach, please list the courses that will be block scheduled and identify the semester(s) where the block scheduling applies.)

Reason: The Aviation Department uses a building-block technique, as presented in the Federal Aviation Administration (FAA) Advisory Circular AC 60-14, Aviation Instructor's Handbook as a foundation for curriculum development of all aviation degree programs. Each course in the sequence of study provides a foundation upon which subsequent courses continue to build the knowledge required for a successful aviation professional. This includes both academic courses and flight labs that rely on each other in a synergistic approach to develop both the intellectual and functional capabilities required of each student. The flight courses offered by the Department of Aviation are generally considered to be laboratory credit as the training takes a hands on approach with guidance provided by an individual instructor in a flight simulator or aircraft. The only exception would be AVN 2400 which offers one lecture hour. This flight course, which is the basis for all other advanced training, may be taken concurrently with AVN 1100 and additional lecture is required. Although one lecture hour is required for AVN 2400, no room assignments are required. The lecture information is provided by the flight instructor at the Francis B. Fuller Aviation Training Center at the Ohio University Airport.

Under the program of study, the students are required by the Federal Aviation Regulations (FARs) to complete an external written exam prior to applying for a flight certificate or rating issued by the Federal Aviation Administration (FAA). To expedite preparation for these written exams, the Department of Aviation offers three self guided study courses. These courses (AVN 4350, AVN 4500, and AVN 4600) are three credit hour courses, but do not have any associated lecture contained within the course.

AVN 3600 uses computer programs to simulate Air Traffic Control (ATC) Radio Detection and Ranging (RADAR) scenarios. AVN 3600 will meet for three hours a week in a computer lab. AVN 4850 utilizes training in a multi-crew Flight Training Device (FTD) so the students become competent in working in a multi-crew environment. The Department of Aviation also requires the students to complete one of two internships offered. These internships require the student to work within the field of aviation in order to obtain at least three credit hours prior to fulfilling the requirements for a bachelor's degree. This class is planned to be blocked with AVN 3700 for a total of six hours, to alleviate any classroom scheduling issues.

A new capstone course has been developed by the Department of Aviation to meet the requirements of a TIER 3 Course. The requirements for this course are listed as 1.5 hours of lecture. The remaining hours are for research. This class will meet for three hours in a classroom, as some research will be conducted in small groups and classroom utilization will be necessary.

The last class that does not fulfill the requirements of a three lecture hour course is AVN 3700. This course was originally two separate courses, AVN 320 (Aircraft Systems) and IT 220 (Advanced Powerplants). Industrial Technology could not continue to support IT 220 and the course was transferred to the Department of Aviation. After considering all options, it was decided by the faculty that these courses could be combined and offered as a new course AVN 3700. However, with all of the information presented, it was determined that a minimum of four lecture hours would be required to sufficiently cover the required information. In order to meet the objectives of classroom utilization of three hours per course, it has been decided that AVN 3700 and AVN 4850 could be combined in a six hour block; this should ease the scheduling of classrooms. AVN 4850 will use two hours of the block, while the remaining time would be used in the AVN 3700 course.

Course ID	Name	Type	Contact Hours	Doc. Status	Review Level
AVN 2400	Private Pilot Flight Course	EXPEDITED	1.0	REVIEW	UCC
AVN 3600	The National Airspace System	EXPEDITED	2.0	REVIEW	UCC
AVN 3700	Aircraft Systems & Powerplants	SEMESTER	4.0	REVIEW	UCC
AVN 4800	BUSINESS IN AVIATION	SEMESTER	1.5	REVIEW	UCC
AVN 4850	ADV ACFT/FLT CREW OPS	EXPEDITED	2.0	REVIEW	UCC