

COURSE APPROVAL/CHANGE DOCUMENT

(See back of form for instructions)

1. ADDITION ___ REVISION ___ TERMINATION ___

2. IF REVISION: denote changes (i.e. Title only; Title, CIP and Description; etc.):

3. COURSE NUMBER ___ - ___

4. COURSE TITLE _____ -

5. IF REVISION: Previous Course No. _____ Previous Title _____

6. FOR ADDITIONS AND REVISIONS -
FIRST TERM/YEAR TO BE OFFERED:

Fall ___ Spring ___ Summer ___ Term _____

7. FOR TERMINATIONS ONLY -
LAST TERM/YEAR TO BE OFFERED:

Fall ___ Spring ___ Summer ___ Term _____

8. COLLEGE:

9. DEPARTMENT NAME:

10. CIP CODE (Classification of Instructional Program / US Bureau of Labor Statistics): _____

11. FIXED CREDIT HOURS: YES ___ NO ___

___ Total Credit Hours

___ Lec Contact Hours

___ Lab Contact Hours

___ Other Contact Hours

12. VARIABLE CREDIT HOURS: YES ___ NO ___

___ Min Total Credit Hours ___ Max Total Credit Hours

___ Min Lec Contact Hours ___ Max Lec Contact Hours

___ Min Lab Contact Hours ___ Max Lab Contact Hours

___ Min Other Contact Hours ___ Max Other Contact Hours

13. CAN THIS COURSE BE TAKEN FOR ADDITIONAL CREDIT: YES ___ NO ___ If YES, total number of times course can be taken _____

14. MAXIMUM ENROLLMENT ALLOWED FOR COURSE: _____ Justification of maximum enrollment:

15. CLASS SCHEDULE TYPE/ FACULTY WORKLOAD: Choose appropriate schedule type:

Faculty Workload: _____

Class schedule type justification:

16. COURSE LEVEL:

17. GRADE TYPE:

18. DEVELOPMENTAL COURSE: YES ___ NO ___

19. CROSS-LISTED COURSE:

YES ___ WITH _____ NO ___

20. SPECIAL COURSE FEE? (Must be Board approved)

YES ___ Amount \$ _____ NO ___

21. Required faculty qualifications to teach this course:

22. GENERAL EDUCATION COURSE: YES _____ NO _____

If yes, please select one general education category:

If yes, please select up to three general education learning goals that reflect the priorities for student learning in the course. Please rank these in priority order, i.e. 1,2,3 by inserting the numbers/rankings into the boxes:

- ____ General Education Learning Goal 1: Ethical Reasoning
- ____ General Education Learning Goal 2: Global Learning
- ____ General Education Learning Goal 3: Information Literacy
- ____ General Education Learning Goal 4: Written Communication
- ____ General Education Learning Goal 5: Oral Communication
- ____ General Education Learning Goal 6: Critical Thinking
- ____ General Education Learning Goal 7: Quantitative Literacy

If the proposed new or revised course is a General Education course, please provide a short rationale why this course should be considered as a general education course.

Attach the following:

- a) Class syllabus using the syllabus template.
- b) Memo from Library Dean assessing available and needed library resources and services.
- c) If applicable, memos from Department Chair(s) in affected department(s) stating support or that issues/conflicts are resolved.

COURSE APPROVAL SIGNATURES

Department Chairperson

Dean of Kent Library

College Council

Brad Deken Digitally signed by Brad Deken
Date: 2020.03.27 15:17:08
-0500

Educator Preparation Committee

General Education Council

Graduate Council

To obtain the next signature, save the pdf to your desktop and then email the form as an attachment to the next individual for signing. When submitting the form, the **email must come from your Southeast email account.**

Registrar's Office Use Only

SCACRSE _____ Degree Audit _____ Bulletin _____ Degree Map _____ SHATATR _____

Instructions for Completing Course Approval/Change Document

1. Is the course an Addition, Revision or Termination?
2. If Revision: Please list changes being made to course such as title change; or title, CIP, and description change, etc.
3. Course Number: Two letters (choose discipline from drop down menu) and three numbers (i.e., EN 140). For course additions, ask for a list of available course numbers from the Registrar's Office.
4. Course Title: Full title of course.
5. If Revision: Indicate previous course number and/or title if change has been made. A new course number must be used if the revised course is not equivalent to the previous course offered.
6. For Additions and Revisions-First Semester/Year To Be Offered: Indicate first semester/year course is to be offered or when changes to the revised course will be put into place.
7. For Terminations Only-Last Semester/Year To Be Offered: Indicate last semester/year course is to be offered. For course terminations skip questions 10-22.
8. College Name: Choose the College Name from drop down menu. UI/IU courses belong to the Provost.
9. Department Name: Choose the Department Name from drop down menu. UI/IU courses belong to the Provost.
10. CIP Code: Enter six digit code number. Contact Institutional Research for information.
11. Fixed Credit Hours: Enter the total credit hours student will earn for course. Lecture, Lab, and/or Other Contact Hours should be completed as appropriate. Lecture contact hours should equal the student credit hours earned for the lecture component of the class. Lab contact hours will in most cases be entered as a 2 to 1 ratio (2 contact hours equals 1 student credit hour) for the lab component of the class. Other Contact hours will be entered for field experience courses, internships, practicums, etc.
12. Variable Credit Hours: If course is variable credit hour, indicate total minimum hours and total maximum hours for which credit can be received. Indicate minimum and maximum lecture, lab, and/or other contact hours as appropriate. See 10 for more detailed instructions.
13. Can This Course be Taken for Additional Credit: Indicate if students will be allowed to enroll in this course more than once for additional credit. NOTE: If the course allows for multiple repeats, it is outside the normal repeat procedure. If a student making a grade of 'D' or 'F' wants to repeat the course for a better grade, special handling is required.
14. Maximum enrollment allowed for course: Indicate the total number of students allowed to enroll in this course and the justification for that maximum.
15. Class Schedule Type/Faculty Workload: See Class Schedule Types sheet on Document Share for appropriate type of course and faculty workload.
16. Course Level: Choose appropriate course level from drop down menu. 500 level courses are mixed undergraduate/graduate.
17. Grade Type: Indicate if course is standard grade (A, B, C, etc.) or Credit/No Credit
18. Developmental Course: Indicate if course is to be offered for degree credit or developmental credit.
19. Cross-listed Course: List course that is cross-listed across disciplines (e.g., PY120/CF120)
20. Special Course Fee: Indicate course fee amount as approved by Board of Regents
21. Required faculty qualifications: What are the degrees, areas of specialty, and/or other characteristics of a faculty member that would qualify them to teach this course.
22. General Education Course: Choose NO, or the category in which the course falls and the general learning goals.

AV 420- Jet Flight Management

Class Syllabus

(1) *Course Number:* AV420

(2) *Course Title:* Jet Flight Management

(3) *Catalog Description:* Airline based CRJ-700 systems training designed to closely mimic a FAA Part 121 initial qualification course.

(4) *Prerequisites:* n/a

(5) *Co-requisites:* n/a

(6) *Credit Hours:* 3

(7) *Semester:* Fall 2021

(8) *Class Meeting Time(s), location and format:* MWF 8-8:50 AM in PB201, face-to-face

(9) *Instructor:* John Q. Pilot

(10) *Instructor Contact Information:* jqpilot@semo.edu

(11) *Concerns:* Questions, comments or request regarding this course should be taken to the instructor. Unanswered questions or unresolved issues about this class can be directed to Dr. Brad Deken.

(12) *Course Learning Outcomes:*

1. Students will be able to analyze and interpret data related to jet flight management.
2. Students will be able to understand aircraft design, performance, operating characteristics, and maintenance.
3. Students will be able to describe attributes of an aviation professional, career planning, and certification in jet flight management.

(13) *Course-specific Required Materials:*

Digital copies of Aircraft Operating Manuals, systems manuals, and supplementary information provided by American Eagle, Sky West, and Endeavor Airlines.

(14) *Course Content:*

Assessment:

Weekly Quizzes	10 Points each
Class Presentation/Paper	50 Points
Mid Term Exam	100 Points
Final Exam	100 Points

CBT Assignments

I will be assigning YouTube viewing modules produced by Aviation Knowledge as weekly homework for class. I will note that they utilize the CRJ-200 as the base line aircraft for their CBTs. As is common with many operators of the CRJ, they teach one variant and do “differences training” for the other models. This also commonly occurs in the A-319/320/321, B737-700/800/900, and the B757/767 aircraft. It is not unreasonable and is a fair expectation that you

will be able to recognize and understand what knowledge applies to a CRJ- 700 vs. -200.

Schedule: (Subject to change during the semester)

Week	Lesson and Discussion	Reading
1	Introduction, Aircraft General	CRJ Systems Manual Vol. 1 & 2 CH 2
2	Limitations, Memory Items	CRJ Systems Manual Vol. 1 & 2 CH 2
3	Electrical, Powerplant, EICAS,	CH 6,22,13 /50-54, 22- 24, 97-100, 103
4	APU, Fire and Overheat Protection, Doors,	CH 20,8,21 /25-26, 88- 93, 95
5	Hydraulics, Flight Controls, Landing Gear	CH 11,9,14 /27-34, 41- 44, 56-57
6	Fuel, Oxygen and Emergency Equipment	CH 10,17,7 /35-40,82-83
7	Communications, Aircraft Lighting	CH 5,15 /17-21,58,61
8	Presentations	None
9	Mid-Term Review and Exam	None
10	Pneumatics, Environmental Control System	CH 18,3 /5-10, 84-85
11	Water and Waste, Ice and Rain Protection	CH 19,12 /3, 45-49
12	Automatic Flight Control System, Navigation, Flight Instruments, GPS	CH 4,23 /12-16, 19-21, 62-64, 69-81
13	Warning Systems, Systems Integrated Training (SIT)	CH 13 /64-67
14	Ozone Concentration, Weather Radar, Cargo, MEL/CDL	CH 13 /68
15	Full aircraft systems review and integrated scenarios & Presentations Class Presentations are to be a Crew event (2 students or 3 if odd number present in class). Students will select an aircraft system and do a compare/contrast presentation about their system to the class using the CRJ-700 as the baseline. A paper is required to sufficiently accompany the presentation. The paper will be written in APA format.	None

	<p>*Spelling and Grammar are important and will factor into the overall grade.</p> <p>*This is a 400-level course. Your paper and presentation should be at a level on par with any college senior moving into the workforce.</p>	
16	<u>Finals Week</u>	None

(15) Grading Scale and Policies:

Grading Scale:

- A= 90-100%
- B= 80-89%
- C=70-79%
- D=60-69%
- F=59% or below

(16) Final Exam Schedule: Monday, December 13, 2021 at 8:00 AM in PB201.

(17) Optional Additional Course Information:

The student shall be introduced to airline style training and become familiar with the CRJ-700 systems as they relate to an initial qualification at a regional airline

- Attendance & Student Behavior: Class attendance for all classroom and flight lab courses is expected.
- Any airport activities such as a flight lesson or cross-country flight scheduled by the student are not valid reasons for missing class or exams, or arriving late for class.
- Students enrolled in FAA Part 141 Commercial Pilot ground school must make up all absences, excused or not, via a one-on-one ground session with a Certified Flight Instructor (CFI). This will be at the student's expense, and it must be completed before the exam. [Note: this is an FAA requirement]

(18) Academic Honesty – Southeast Missouri State University expects all students, faculty and staff to operate in an honest and ethical manner. Academic dishonesty is a very serious offense because it undermines the value of your education and the education of others. Students who engage in academic dishonesty face significant penalties. Forms of academic dishonesty include, but are not limited to, plagiarism, cheating, contract cheating, misrepresentation, and other actions you take. Some of these are defined below:

- Plagiarism means passing off someone else's work as your own, whether it is intentional or unintentional.
- Cheating includes copying from another person or source of information to meet the requirements of a task.
- Contract cheating is paying someone else or a company to do your work.
- Misrepresentation means you are posing as someone else or someone else is posing as you to complete a task.

- Collusion means working with one or more people to cheat. If you help someone cheat or plagiarize you will face the same penalties.

For more information, visit the Responsible Redhawks Code of Conduct

<http://www.semo.edu/responsibleredhawks/code-of-conduct.html> or the Faculty Handbook Section (D) on Academic Honesty <http://www.semo.edu/facultysenate/handbook/5d.html>

- (19) **Accessibility** – Southeast Missouri State University and Disability Services are committed to making every reasonable educational accommodation for students who identify as people with disabilities. Many services and accommodations which aid a student’s educational experience are available for students with various disabilities. Students are responsible for contacting Disability Services to register and access accommodations. Accommodations are implemented on a case by case basis. For more information, visit <http://www.semo.edu/ds/> or contact Disability Services at 573-651-5927.
- (20) **Civility** – Your university experience is purposely designed to introduce you to new ideas, help you think effectively, develop good communication skills, evaluate information successfully, distinguish among values and make sound judgements. Doing this well requires respectful and courteous discussion among and between students and the instructor. Together, we must create a space where we acknowledge and respect others have different experiences, perspectives and points of view. Disagreements are likely. Mutual respect for one another and a willingness to listen are important. Remember, you are responsible for your behavior and actions. There is a no tolerance policy on bullying or harassment of any kind. Additional information on student conduct may be found at: <http://www.semo.edu/pdf/stuconduct-code-conduct.pdf?ver=1.0> and http://www.semo.edu/pdf/Conduct_Faculty_Resource_Guide.pdf
- (21) **Mandatory Reporting** – I will keep information you share with me confidential to the best of my ability, but as a professor I am legally required to share information about sexual misconduct and crimes I learn about to make our campus and community safe for everyone.
- (22) **Student Success** – This course uses SupportNET, Southeast’s student success network, to improve communication between students, faculty and staff on campus. You’ll get emails through SupportNET with information about resources or concerns. Please read these emails—they are sent to help you succeed! You can access SupportNET through your portal, Moodle or directly at supportnet.semo.edu to see any academic alerts, ask for help and to access resources to support your success at Southeast.

*Definition of ‘blended’ to be added.