SOUTHERN ILLINOIS UNIVERSITY CARBONDALE
DEPARTMENT OF AVIATION MANAGEMENT AND FLIGHT

Course Syllabus

AVM 371-001 – Aviation Industry Regulations

FACULTY:

Steven Goetz
Transportation Education Center
Room 286E
(O) 618-453-9280
sgoetz@siu.edu
Office Hours: T 7:30-9, W 7:30-9 and 1-5, others by appointment

TIME AND LOCATION:

W 9:00 a.m. – 11:50 p.m.
TEC 182

COURSE DESCRIPTION:

Provide an understanding of the regulatory processes, agencies, laws, and enforcements in the aviation industry

COURSE PREREQUISITES:

None

REQUIRED MATERIALS:


REFERENCES:


COURSE OBJECTIVES:

Upon completion of this course, a student will be able to:

1.) Describe the regulatory process of how new laws and regulations are created and enacted.
2.) Explain the history of the Federal Register and regulatory processes.
3.) Evaluate the value of new regulations through the use of the Federal Register and comment system.
4.) Understand and apply aviation regulations to given scenarios.
ATTENDANCE POLICY:

The material covered in this course sets a foundation for the remainder of your courses in your AVM program. Students are allowed one unexcused absence without penalty. Unexcused absences beyond the first will result in a 3% reduction in final course grade, for each occurrence. Excused absences include documented illnesses and university related business. If traveling for university business, notify the instructor of your absence at least one week prior to leaving or your absence will be unexcused.

COURSE FORMAT AND GRADING:

Grading scale is as follows:

A 90-100 % (405+ points)
B 80-89.99  (360-404 points)
C 70-79.99   (315-359 points)
D 60-69.99   (270-314 points)
F  <60       (<269 points)

Grades will be based on tests and written assignments as listed below and attendance as explained above.

Tests (2, 100 pts ea.)  200
Federal Register Project  50
In-class Case Study  50
Take-Home Case Study 100
Presentation  50
Total  450 points

Tests will cover reading assignments, lecture notes, in-class activities, i.e. anything covered in class is fair game.

Assignments are due at the beginning of class. Late assignments will not be accepted.

Assignments:

Federal Register Project:

This project will involve digging into the Federal Register to find pending regulatory action of interest. This does not have to be in aviation, but in any field of interest to the individual. You will provide the Federal Register document outlining the regulatory action, provide a summary of the effect of the action, and provide a copy of a substantive comment that you left in the comment section of that docket.

Case Studies - Written and Oral Reports:

There will be two case studies. The first case will be based on a class video. The purpose is for you to get an idea of the structure and content of the report of the case. For the second case you are to identify, research, and record the development of a particular person, group, or situation within the past 5 years that resulted or could result in the creation of a new or amended aviation law, aviation regulation, or aviation act.

Case Study Guidelines

I. Summary
A summary should be concise and briefly recap the case.

II. Problem

Identify the primary problem in the case.

III. Critical Factor(s)

Identify what you considered to be the most relevant cause(s) of the problem.

IV. Development Alternative Solutions or Critique Enacted Laws/Regulations/Acts

Your solutions should provide a feasible, realistic way to solve the problem. Provide rationale for each alternative and then provide advantages and disadvantages for each alternative. Can the problem be solved without legislative or regulatory action? Discuss how the disadvantages of your solution might be overcome or minimized and what is involved in implementing this recommendation. How long will it take? How much will it cost? What results do you expect? If a law/regulation/or act was enacted because of this problem identified in the case then provide a critique of the law/regulation/act.

V. Recommendation

Make a recommendation to solve the problem based on your personal experience and what you have learned so far in the semester. For existing laws/regulations/acts would you recommend the same course of action or an alternative solution?

VI. Reference List

You must have appropriate citations if you use other people’s ideas. You document must include both in-text citations and have a references page in APA format. The take home case study should incorporate a minimum of 3 references.

The Case Study will be evaluated content, grammar, and presentation. Be creative and professional.

CLASS SPECIFIC POLICIES:

Prior to the beginning of each class session, students will turn off the ring function on any cell phone or other personal electronic device (pager, etc.)

Office Hours: I have an open door policy. I will be here during my office hours, but I am here far more often than that. If my door is open, then I’m in my office and will be glad to meet with you.

ACADEMIC DISHONESTY POLICY:

Per the SIUC Student Conduct Code, academic dishonesty includes such prohibited acts as plagiarism, cheating, preparing someone else’s work for them that will be turned in under their name, falsifying or manufacturing scientific or educational data, providing false information regarding academic matters, and any act to conceal, aid, or attempt any of the above. Sanctions for acts of academic dishonesty include, but are not limited to, failure of an assignment, quiz, test, examination or paper; failure in a course; revocation of a degree; suspension; or expulsion from the university. You are required to do your own work in this class. Violations of the Student Conduct Code will be dealt with according to University policy. For more information, please refer to the SIUC Student Conduct Code, available at http://policies.siu.edu/documents/StudentConductCodeFINALMay32011.pdf
Disability Accommodation

If you think you need an accommodation for a disability, please let me know at your earliest convenience. Some aspects of this course, the assignments, the in-class activities, and the way the course is usually taught may be modified to facilitate your participation and progress. As soon as you make me aware of your needs, we can work with the Disability Support Services (DSS) to help us determine the appropriate academic accommodations. DSS (618-453-5738; http://disabilityservices.siu.edu) typically recommends accommodations through an Accommodations Agreement Form. Any information you provide is private and confidential and will be treated as such. If you need an accommodation for an exam, please let me know at least one class in advance so that the appropriate accommodations can be made.
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<tr>
<th>Date 2016</th>
<th>Unit</th>
<th>Notes and Readings</th>
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<tr>
<td>1/20</td>
<td>Syllabus, Policies, Course Introduction</td>
<td>Adamski, chapter 1</td>
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<td>1/27</td>
<td>Regulatory Theory and History</td>
<td>Adamski, chapter 3</td>
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<td>2/3</td>
<td>Federal Register and the Rulemaking Process</td>
<td>Adamski, chapter 2, 4, and 9</td>
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<tr>
<td>2/10</td>
<td>Regulatory Agencies and Roles</td>
<td>Adamski, chapter 5 and 6</td>
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<td>2/17</td>
<td>Safety Systems in Aviation</td>
<td>Adamski, chapter 13</td>
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<td>2/24</td>
<td>Regulatory System Oversight</td>
<td>Adamski, chapter 10 and 13</td>
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<td>3/2</td>
<td>Enforcement and Compliance</td>
<td>Adamski, chapter 11 and 14</td>
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<td>3/9</td>
<td>Midterm</td>
<td>Federal Register Project due</td>
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<td>3/16</td>
<td>NO CLASS: SPRING BREAK</td>
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<td>3/23</td>
<td>In-Class Case Study</td>
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<td>3/30</td>
<td>Federal Aviation Regulations</td>
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<td>4/6</td>
<td>Federal Aviation Regulations</td>
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<tr>
<td>4/13</td>
<td>Federal Aviation Regulations</td>
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<td>4/20</td>
<td>International Regulations</td>
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<td>Presentations</td>
<td>Take-Home Cases Study due</td>
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<td>5/4</td>
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<td>5/12</td>
<td>FINAL: 8:00-10:00</td>
<td>TEC 182</td>
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VERIFICATION OF INFORMATION:

I certify that I have received a copy of the AVM 371– Aviation Industry Regulations. I have read and understand the policies and grading as they pertain to class requirements. I understand that I must attend each class throughout the semester. I understand that I must be prepared through prior study for each class period. I agree to abide by the policies in the AVM 371– Aviation Industry Regulations, and understand that I will be graded according to this document and its contents. I will consult the instructor with any questions.

Please print your name and sign & date below:

_______________________________________________
Print Name

_______________________________________________ ________________________________
Signature       Date