

**AVMG 4060
COMMERCIAL AVIATION SAFETY
SPRING 2014**

Instructor: V. Carl Thompson
Retired Captain, Delta Airlines
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Schedule: Lowder Hall
Room 152
Days – Monday, Wednesday and Friday
Time – 2:00 pm – 2:50 pm

Office Hours: By Appointment

Each student should review Auburn University’s Student Policy eHandbook.
http://www.auburn.edu/student_info/student_policies/

Course Text: **Commercial Aviation Safety**, 5th Edition by Clarence C. Rodrigues
and Stephen K. Cusick

Course Description:

Commercial Aviation Safety is dedicated to studying the principles, regulatory practices, and agencies of commercial aviation safety, Safety Management Systems and ICAO Safety Management Manual. This course will reference **Safety Management Systems in Aviation, by Stolzer, Halford & Goglia;** and ICAO’s **Safety Management Manual 2013.**

TEST/DATES.....	POINTS.....	% of GRADE
FIRST TEST, Feb. 5.....	100 Points.....	25%
SECOND TEST, March 5.....	100 Points.....	25%
FINAL TEST, TBA.....	100 Points.....	25%
Class Participation.....	100 Points.....	25%

1. Attending Guest Lecture Classes:
 - A. **Alabama Speaker of the House, Mr. Mike Hubbard, Date and Time TBA; DALPA and Delta Airlines Safety Rep. TBA**

Tentative Class Schedule/Guest Speakers TBA

1. Jan. 8 & 10.....Ch. 1 The Regulatory Framework
2. Jan. 13 & 15.....Ch. 2 Regulatory Organization and Rulemaking; FAA and NTSB web site; NTSB SFO video; Alum Magazine
3. Jan. 17 & 22.....Ch. 3 The National Transportation Safety Board / NTSB BHM video; NTSB web site
4. Jan. 24 & 27Ch. 4 Recording and Reporting Safety Data
5. Jan. 29 & 31.....Ch. 5 Review of Safety Statistics
6. Feb. 3.....Review
7. Feb. 5.....**First Test**
8. Feb. 7 & 10.....Ch. 6 Accident Causation Models
9. Feb. 12 & 14.....Ch. 7 Human Factors in Aviation Safety
10. Feb. 17.....Ch. 8 Air Traffic Safety Systems
11. Feb. 19 & 21.....Ch. 9 Aircraft Safety Systems
12. March 3.....Review
13. March 5.....**SECOND TEST**
14. March 7.....SMS Safety Video
15. March 17 & 19.....Ch. 10 Airport Safety
16. March 21 & 24.....Ch. 11 Aviation Security
17. March 26 & 28.....Ch. 12 Airline Safety
18. March 31 & April 2...Ch. 13 Aviation Management Safety Systems
19. April 4,7,9,11 & 14...**Safety Management Systems in Aviation**
20. April 16,18,21 & 23..**ICAO Safety Management Manual 2013 Edition**
21. April 25.....Review
22. **Final Test Date and Time TBA**