AVMG 4060
COMMERCIAL AVIATION SAFETY
SPRING 2014

Instructor:                V. Carl Thompson
Retired Captain, Delta Airlines
vct0001@auburn.edu

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;

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 & 27 ............Ch. 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
21. April 25..................Review
22. Final Test Date and Time TBA