

ENGINEERING AND TECHNOLOGY EDUCATION DEPARTMENT  
Semester Course Syllabus

**AV 3140-ADVANCED AVIONICS AND FLIGHT SIMULATION**

Greg Walton  
Spring 2009  
3 Credits

**Text:** (Provided by instructor)

**Objectives:** Understand advanced navigation systems including HSI, RMI, and glass cockpit displays. Learn to effectively use these advanced navigation systems during flight. Utilize flight deck flows and read/response checklists. Learn CRM procedures and adapt to a dual flight crew concept.

**Fees:** The course fee of \$300.00 was paid with tuition. This fee pays for class use and individual use of the AST-300 during the semester. Individual use of the AST-300 is restricted by availability as shown in ETA.

**Grading:** Course grades will be determined by evaluating:

**Attendance**

Crew participation  
Knowledge of procedures  
Application of procedures  
Body attitude flying  
General flight aptitude

**Attendance:** Attendance is a major determinant of your grade. You are expected to fly the simulator a minimum of 2 hours a week, one hour as the captain and one hour as the first officer. You must be present at any other scheduled meetings for the class. Any absences **must** be made up at the convenience of the instructor or his assistant!

**Simulator Sessions:** You will be paired with one other student in the class for weekly simulator sessions. These sessions will be held as outlined on the ETE 3140 simulator schedule. Once the simulator schedule is developed it will remain unchanged for the duration of the semester. You are expected to be at your regular session each week.

**Accommodations for Veterans and Persons with Disabilities:** Students with ADA-documented physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations. Veterans may also be eligible for services. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, (435)797-2444 voice, (435)797-0740 TTY, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.

**Airport Phone:** 787-1346

**Office:** Logan/Cache Airport FL 10A, Room 103