

Engineering and Technology Education

AV 3010, National Airspace System/Air Traffic Control

Fall 2009

Class schedule: Mondays 2:30-5:15 p.m. Room: T108
Instructor: Jim Kelsey; telephone 801-969-4256 (home)
E-mail address: jamesfkelsey@comcast.net

Course Objective

Review the history of air traffic control, understand air traffic services, examine components of the National Airspace System including problems and constraints in the National Airspace System, review airport funding and planning, and explore options for expanding capacity of the National Airspace System.

Performance Elements

Quizzes	25%
Mid-term Exam	25%
Final Exam	25%
Presentation	15%
Perception Paper	10%

Final Grades

A	= 930-1000	C	= 730-769
A-	= 900-929	C-	= 700-729
B+	= 870-899	D+	= 670-699
B	= 830-869	D	= 630-669
B-	= 800-829	D-	= 600-629
C+	= 770-799	F	= 599 and below

Quizzes/Mid-term Exam/Final Exam

Questions will be multiple-choice, fill in the blank or essay from information given by the instructor or other presenters during class time and from assigned reading materials. The lowest quiz score will not be counted. No make-up quizzes will be given.

Class Presentation

A class presentation of 7-10 minutes will be required on an assigned topic. Topics will be assigned by the instructor.

Paper

A one page paper will be required at the end of the course on what the student perceives to be the biggest challenge facing the National Airspace System.

Extra Credit

Current magazine, newspaper, or Internet articles may be brought to class and discussed for ten extra credit points per article (a maximum of three articles for any one student will be accepted during the semester.) Articles must be on *Air Traffic Control* or *The National Airspace System* subjects. The student will be expected to summarize the article, tell what it has to do with Air Traffic Control or the National Airspace System and lead a short discussion.

Honors Students

Honors students must request to receive honors credit for this class by 9/14/2009. The honors students will meet with the instructor either before or after various class periods to plan projects and review progress.

Accommodations for 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, (435)797-2444 VP, 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.