

Master Course Syllabus Outline

Department: Engineering Technology

Course Prefix/Number: ASCI 3033

Official Course Title: Air Traffic Control

Master Syllabus Approved by Department on: 04 / 21 / 05
Month date year

- I. Catalog Description: Instruction pursues Terminal Enroute Air Traffic Controllers Procedures, controllers standpoint of ARTC, Departure, Arrival, Rapcon, Airport Control Tower procedures, air traffic separation, enroute and approach clearance criteria. Practical application of Air Traffic Control procedures by field trips and Airport Control Tower Operation are specifically accentuated.
- II. Prerequisites
- III. Expanded Course Description: This course provides the framework for developing a greater understanding of how Air Traffic Control is accomplished in terminal, enroute, and other operating facilities of the ATC system. It provides for instruction, standards, and gives operational guidance for the efficient use of the United States ATC system.
- IV. Intended Student Learning Outcomes: Upon completion of this course, the student will be able to demonstrate through class participation and examinations:
 - A. A thorough understanding of ATC functions, procedures, and phraseology.
 - B. A comprehension of priorities, functions, and services of enroute ATC facilities.
 - C. An increased understanding of FAA provisions for ATC services for IFR and Special VFR aircraft operating within controlled airspace.
 - D. An awareness of the differences between radar and non-radar environments and the responsibility differences between the two types of environments.
 - E. A higher level of knowledge of the functions aircraft separation criteria of an approach control facility.
- V. Unless otherwise stipulated in this master syllabus by the department, the following items are subject to faculty discretion as described in each faculty member's individual course outline/syllabus:
 - a) Course Requirements
 - b) Required Text(s)
 - c) Bibliography
- VI. Academic Honesty: Cheating, plagiarism (submitting another person's materials or ideas as one's own), or doing work for another person who will receive academic credit are all-impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, or term papers, or the presentation of unacknowledged material as if it were the student's own work. Disciplinary action may be taken beyond the

academic discipline administered by the faculty member who teaches the course in which the cheating took place.

- VII. **Students With Disabilities Policy:** It is the policy of Tarleton State University to comply with the Americans with Disabilities Act (ADA) and other federal, state, and local laws relative to the provision of disability services. Students with disabilities attending Tarleton State University may contact the Office of Disability Services at (254) 968-9478 to request appropriate accommodation. Furthermore, formal accommodation requests cannot be made until the student has been officially admitted to Tarleton State University.

Department Head Signature/Date:

Signature

_____/_____/_____
Date