

Master Course Syllabus Outline

Department: **Engineering Technology** Course Prefix/Number: **I T 3933**

Official Course Title: **Modular Technology**

Master Syllabus Approved by Department on: **05/23/05**

- I. Catalog Description: **This course will investigate various systems used in modular technology education. Modular technology studies will include broadcasting technology, applied physics, power energy, transportation, graphic communication, composites, and computer application.**
- II. Prerequisites? Junior standing
- III. Expanded Course Description: **Topics to be covered in I T 3933 are as follows: Current modular technology systems that incorporate the six content areas of Texas technology education including: 1) bio-related technology, 2) communication, 3) computer application, 4) construction, 5) energy, power, and transportation, and 6) manufacturing. Current electronic classroom management systems available for scheduling, tracking, testing, and grading. This is an undergraduate level course for the study of the current technology education modular systems available for Texas secondary technology education programs. The student will be required to travel to a variety of educational sites where they will receive individualized instruction on current modular systems available. The student will be required to facilitate a minimum of two technology education classroom modular sessions incorporating the six content areas using an electronic classroom management system.**
- IV. Intended Student Learning Outcomes? **The student will be able to: 1) identify and evaluate the modular systems available that incorporate the six content areas of Texas technology education; 2) identify and evaluate the current electronic classroom management systems available for the modular systems studied; 3) facilitate a classroom modular session and incorporate an electronic classroom management system to test and grade the facilitated session.**
- 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? (grading/evaluation procedures; class attendance policy; term papers, projects, field assignments; examinations; class participation, etc.)
 - b) Required Text(s)?
 - b) 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