

**Orientation to Engineering and Technology Education (ETE)
ETE 1000**

**(1 Credit)
Fall 2008**

COURSE SYLLABUS

Instructor: Edward M. Reeve, PhD
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Department Website: <http://www.ete.usu.edu>

Recommended Materials: 3-ring notebook, USB Flash Drive

Class Schedule: Lectures Mondays and Wednesdays 1:30 p.m. - 2:20 p.m.
August 25 - October 15, 2008

Course Readings: Provided

Course Overview

The purpose of this course is to introduce students to teaching in the fields of technology education and career and technical education (CTE). In this course, we will explore the teaching profession, including facilities, goals, and opportunities.

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.

Course Objectives

At the completion of this course the student will be able to:

1. Describe the requirements (e.g., teaching license) needed to become either a technology education teacher or career and technical education teacher.
2. Discuss the various terminology related to the fields of technology education and career and technical education.
3. Correctly complete a graduation program of study “checksheet” for your major.
4. Describe the purpose of the Praxis Test.
5. Describe typical equipment and activities found in technology and career and technical education laboratories.
6. Describe the purpose of the teaching portfolio and begin its develop (e.g., develop a resume).
7. Identify “key” web sites related to technology and career and technical education. major methods used to transmit and receive information.
8. Discuss the purpose of “standards” in education.

Course Activities:

In this course, the student will be required to complete the following activities:

1. One-on-One Interview with the Instructor
2. Complete Program of Study Check Sheet
3. Technology Paper and Presentation
4. Teacher Portfolio
5. Attendance
6. Field Trips
7. Final Exam

NOTE: MATERIALS TURNED IN LATE WILL RECEIVE A DEDUCTION OF 10% FROM THE TOTAL POINTS

Helpful Internet Reference Sites

- USU: Department of Secondary Education: <http://secondaryeducation.usu.edu/>
- The International Technology Education Association (ITEA): www.iteaconnect.org
- Standards for Technological Literacy: Content for the Study of Technology: http://www.iteaconnect.org/TAA/Publications/TAA_Publications.html
- Technology and Engineering in Utah: <http://www.schools.utah.gov/ate/Teched/tech.htm>
- Association for Career and Technical Education: <http://www.acteonline.org/>
- American Society for Engineering Education (ASEE) Engineering K12 Center: <http://www.engineeringk12.org/>

ETE 1000
COURSE OUTLINE
Fall Semester 2008

Week 1

August 25: Course Overview & Student Introductions
August 27: What is Technology? What is Technology Education? Terminology

Week 2

September 1: Labor Day - No Class
September 3: History of Technology Education

Week 3

September 8: School Visit
September 10: Educational Standards

Week 4

September 15: Helpful Internet Sites and Web Resources
September 17: Helpful Internet Sites and Web Resources

Week 5

September 22: Teaching Portfolios (Resumes)
September 24: School Visit

Week 6

September 29: Program of Study
October 1: Becoming a Licensed Teacher (Praxis exam, background checks, fingerprinting, etc.)

Week 7

October 6: School Visit
October 8: Technology Presentations

Week 8

October 13: A Career in Teaching: Benefits, Opportunities, etc.
October 15: Final Exam

Name: _____

E-Mail: _____

Local Phone# _____

**ETE 1000
COURSE EVALUATION – Fall 2008**

Course Activities	Points
Activity #1: Interview with Instructor (10 pts).....	_____
Activity #2: Program of Study (10 pts).....	_____
Activity #3: Technology Paper and Presentation (20 pts).....	_____
Activity #4: Teaching Portfolio (20 pts).....	_____
Activity #5: Field Trip Participation (15 pts).....	_____
Final Exam (25 pts).....	_____
TOTAL (100)	_____

Grading Scale

94 - 100 A	90 - 93 A-	
87 - 89 B+	83 - 86 B	80 - 82 B-
77 - 79 C+	73 - 76 C	70 - 72 C-
64 - 69 D+	60 - 63 D	