

PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE  
MASTER SYLLABUS

**SPECIAL PROJECTS: MET  
MET 2610**

**Class Hours: 3.0**

**Credit Hours: 1.0-3.0**

**Laboratory Hours: 0.0**

**Date Revised: Fall 00**

NOTE: This course is not designed for transfer.

**Catalog Course Description:**

Special projects and applications in emerging technology. Content will vary, as this course is a means for classes to explore certain topics in depth not covered in the general curriculum. May be repeated for credit up to 9 hours.

**Entry Level Standards:**

Students should have mathematics, reading, and writing skills at the college level.

**Prerequisite:**

Consent of instructor

**Textbook(s) and Other Reference Materials Basic to the Course:**

Textbooks will vary, depending on the course topic and the instructor.

**I. Week/Unit/Topic Basis:**

<b>Week</b>	<b>Topic</b>
1-15	Activities will vary according to course content and may include lectures, discussions, field trips, experiments, individual and/or group projects, essays, and term papers. The course syllabus distributed on the first day of class will list specific information.
16	Final Exam Period

**II. Course Objectives\*:**

- A. Provide opportunities for students to have unique experiences in learning about applications in the selected program of study. I, II, III, IV
- B. Develop an understanding of new opportunities in program-related technology. I, II, III, IV
- C. Develop critical thinking skills and problem solving skills to review and analyze information relating to the selected topic. I, II, III, IV
- D. Develop an appreciation of the societal issues involved with the special topic, when appropriate. I, II, III, IV

\*Roman numerals after course objectives reference goals of the MET program.

### **III. Instructional Processes\*:**

Students will:

1. Engage in teamwork to facilitate cooperative learning. *Active Learning Strategies*
2. Approach problems both mathematically and verbally. *Communication Outcome, Problem Solving and Decision Making Outcome, Numerical Literacy Outcome*
3. Use critical thinking skills to solve problems. This will be done in groups to promote idea sharing. *Problem Solving and Decision Making Outcome, Active Learning Strategies*
4. Learn about appropriate technologies. *Technological Literacy Outcome*
5. Gain the knowledge to have a foundation in the selected topic, assisting the student in moving on to upper level courses and eventually to the job. This will be done by a variety of means, including listening to lectures, experimenting (when appropriate), participating in field trips, viewing video tapes and video discs, and participating in group discussions. *Communication Outcome, Personal Development Outcome, Numerical Literacy Outcome, Transitional Strategies, Active Learning Strategies*
6. Use discussions to evaluate the societal implications involved with the special topic. *Personal Development Outcome, Cultural Diversity and Social Adaptation Outcome*

\*Strategies and outcomes listed after instructional processes reference Pellissippi State' s goals for strengthening general education knowledge and skills, connecting coursework to experiences beyond the classroom, and encouraging students to take active and responsible roles in the educational process.

### **IV. Expectations for Student Performance\*:**

Upon successful completion of this course, the student should be able to:

1. Discuss basic and advanced facts associated with the selected topic. A, B, C, D
2. Discuss implications for society based on information regarding the selected topic. A, B, C, D
3. Discuss implications for the future based on information regarding the selected topic. A, B, C, D
4. Understand the manner in which the special topic fits into the overall picture of the program of study. A, B, C, D
5. Discuss (depending on the course) appropriate technologies. A, B, C, D
6. Use (depending on the course) appropriate technologies. A, B, C, D
7. Demonstrate the ability to integrate the course information into related projects. A, B, C, D

\*Letters after performance expectations reference the course objectives listed above.

### **V. Evaluation:**

A. Testing Procedures:

The specific evaluation methods will vary according to the course content. Essay test questions, participation in class activities, individual and/or group projects, and written out-of-class papers may all be a part of the evaluation process. The course syllabus distributed on the first day of class will list specifics.

**B. Grading Scale:**

90-100	A
80-89	B
70-79	C
60-69	D
below 60	F

**VI. Policies:**

**A. Attendance Policy:**

Pellissippi State Technical Community College expects students to attend all scheduled instructional activities. As a minimum, students in all courses must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course.

**B. Academic Dishonesty:**

Plagiarism, cheating and other forms of academic dishonesty are prohibited. A student guilty of academic misconduct, either directly or indirectly through participation or assistance, is immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions that may be imposed through the regular Pellissippi State procedures as a result of academic misconduct, the instructor has the authority to assign an F for the exercise or examination or to assign an F in the course.

**C. Use of Equipment:**

Any act of misuse, vandalism, malicious or unwarranted damage or destruction, defacing, disfiguring, or unauthorized use of property/equipment belonging to Pellissippi State is subject to disciplinary sanction.