

PELLISSIPPI STATE COMMUNITY COLLEGE  
MASTER SYLLABUS

SPECIAL TOPICS IN CHEMISTRY  
CHEM 1001

**Class Hours: 1-4**

**Credit Hours: 1-4**

**Laboratory Hours: 0-3**

**Revised: Spring 2012**

**Catalog Course Description:**

Topics offered will provide students opportunities for undergraduate research as well as extended coursework in areas of faculty and student interest and student need.

**Entry Level Standards:**

Specific entry standards will vary, dependent upon the topic. Some topics will require the consent of the instructor.

**Prerequisites:**

MATH 1030; other prerequisites are topic dependent: In most cases, no prerequisite; occasionally, consent of instructor

**Textbook(s) and Other Course Materials:**

None required; assigned readings and/or handouts will be provided

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

<b>Week</b>	<b>Topic</b>
1-14	Activities and projects/assignments will vary according to course topic.
15	Final exam/project/report due

**II. Course Goals\*:**

**The course will**

- A. Develop an awareness of a particular aspect of chemistry. I.5
- B. Expand the student's understanding of technological advances in a particular aspect of chemistry. I.5, V
- C. Build critical thinking skills and problem solving skills to review and analyze information related to the selected topic. III.1, III.3

\*Roman numerals after course objectives reference TBRs general education goals.

**III. Expected Student Learning Outcomes\*:**

Students will be able to:

1. Appraise basic and advanced facts associated with the selected topic. A
2. Identify practical applications and future implications of the selected topic. A, B
3. Explain the manner in which the special topic fits into the overall picture of chemistry. A
4. Recognize (depending on the course) appropriate principles, analyses, and technologies. B, C

\* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

#### **IV. Evaluation:**

Each course offered under this title will have its own specific means of evaluation. Components of this may include written exams, homework evaluation, lab reports, etc. The specific method will be supplied by the instructor of the course on its syllabus.

#### **V. Policies:**

##### A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of Academic Affairs, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Academic Affairs.

##### B. Academic Dishonesty:

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

- Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
- Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
- Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one's own work.
- Taking an exam for another student.
- Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
- Any of the above occurring within the Web or distance learning environment.

##### C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students

must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at <http://www.pstcc.edu/sswd/>.