

PELLISSIPPI STATE COMMUNITY COLLEGE  
MASTER SYLLABUS

**WILDERNESS ORIENTEERING**  
**PHED 2660**

**Class Hours: 2.0**

**Credit Hours: 1.0**

**Lab Hours: 0.0**

**Date Revised: Spring 2011**

**Catalog Course Description:**

The introduction of skills, strategy and instruction on using a topographical map and compass to navigate in wilderness terrain.

**Entry Level Standards:**

Students must be able to read at college level.

**Prerequisites:**

None.

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

Textbook:

Jacobson, Cliff. *Basic Essentials Map and Compass*, 3<sup>rd</sup> edition, A Falcon Guide, 2007.

Personal Equipment:

Silva Orienteering Compass is recommended.

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

<b>Week</b>	<b>Topic</b>
1	Introduction. Maps – Getting Started, pp. 1 – 14. Map Symbols, p. 73. Map Symbol Quiz
2	Easy Map Reading, pp. 15 – 26. Contour Quiz.
3	Distance from the Map. Terminology. Terminology Quiz.
4	Grid Coordinates. UTM (Universal Transverse Mercator) Quiz.
5	Anatomy of the Compass, pp. 25 – 36. Shooting a Bearing. Navigation Basics, pp. 37 – 55.
6	Compass Work. Compass Quiz. Tricks of the Trade, pp. 56 – 62.
7	Field Exercises. Review. Final Exam.
8	Field Practicum in Cades Cove.

**II. Course Goals\*:**

The course will:

- A. Build the skills to competently read and interpret the basic information found on the 7.5' series

topographic map.

- B. Guide students toward the effective use of an orienteering compass with a high degree of accuracy.
- C. Build the skills to demonstrate the ability to use a map and a compass together.
- D. Enhance the student's knowledge of the use of improvising techniques to employ during adverse conditions.
- E. Build the skills to demonstrate techniques to accurately arrive at a given destination.

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

Student will be able to:

- 1. Recognize map symbols. A
- 2. Calculate elevation by use of contour lines. A
- 3. Apply correct terminology with respect to the sport of orienteering. C
- 4. Calculate within 10 square meters the location of an object using the universal transverse mercator grid. A
- 5. Calculate a bearing within 1 degree. B
- 6. Apply skills to locate destinations in Cades Cove. A, B, C, D, E

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

**IV. Evaluation:**

A. Testing Procedures: 60% of grade.

Students are evaluated primarily on the basis of:  
40% In-class quizzes  
20 % Final Exam.

B. Laboratory Expectations: 0% of grade or instructor discretion

Instructor discretion on case studies, lab and/or section projects

C. Field Work: 30% of grade.

30 % Field practicum in Cades Cove.

D. Other Evaluation Methods: 10% of grade.

10% In-class participation.

E. Grading Scale:

93	-	100	A
82	-	92	B
72	-	81	C
62	-	71	D

## 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.

Please see the Pellissippi State Policies and Procedures Manual, Policy 04:02:00 Academic/Classroom Conduct and Disciplinary Sanctions for the complete policy.

### 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/>.

### D. Other Policies:

Make-up work: Instructor discretion about make-up tests and/or assignments.

Cell phones: Cell phones are to be either turned off or put in vibration mode while in class. Instructor discretion as to penalty.