



15800 Calvary Rd.
Kansas City, MO 64147

Syllabus

Course: OAL211 D ND – Wilderness Navigation
Credit: 1 credit hour
Semester: SU 2026
Time: N/A
Instructor: Tressa Barnes: tressa.barnes@calvary.edu

This is a blended class, meaning that both campus and online students take this class together. Campus students attend the classes in person, online students attend the classes via the online classroom. All interaction and assignments for campus and online students are done in the online classroom.

I. DESCRIPTION

Course will provide students with the fundamentals of navigation through observation of natural phenomena. The first half of the course discusses human navigation history and practice. The second half describes elements of long-distance travel. Students will experience a navigational experience off campus as a capstone to the course.

II. OBJECTIVES

A. General competencies to be achieved. You will:

1. Begin to understand basic map and compass techniques as it pertains to each trail.
(Program Learning Outcomes: 1, 2, 3,4)
(Assignment: B,C,D)
2. Know how to effectively communicate, motivate and give proper instruction to those they are responsible for in a trekking setting.
(Program Learning Outcomes: 2,3,4,5)
(Assignment: C,C,D)
3. Know how to prescribe the proper selection and application of clothing, gear, accessories, hydration systems, and nutrition.
(Program Learning Outcomes:4,5)
Assignment (B,C,D)
4. Explaining basic safety and first aid as it relates to wilderness survival.

- (Program Learning Outcomes: 4,5)
(Assignment: B,C,D)
5. Learn about how to apply biblical leadership principles when conducting a trek.
(Program Learning Outcomes: 1,2,3,4)
(Assignment: B,C,D)
 6. Explaining the value and benefits of wilderness survival.
(Program Learning Outcomes: 1,2,3,4,5)
(Assignment: B,CD)

B. Specific competencies to be achieved. You will:

1. The student will be able to understand the basic parts of a topographic map including map symbols, contour lines, latitude and longitude, map scales, declination, coordinate systems.
(Program Learning Outcomes: 2,4,5)
(Assignment: B,C,D)
2. The student will be able to communicate effectively with a group of people as well as how to use biblical principles in an outdoor setting.
(Program Learning Outcomes: 1, 2, 3)
(Assignment: B,C,D)
3. To develop practical skills in the use of map and compass and wilderness navigation.
(Program Learning Outcomes: 1, 4, 5)
(Assignment: B,C,D)
4. The student will be able to select and utilize proper clothing, accessories, hydration systems, equipment, and food while on a wilderness trek.
(Program Learning Outcomes: 4 and 5)
(Assignment: B,C,D)
5. The student will be able to describe or recognize risk management that exists within wilderness survival.
(Program Learning Outcome: 1,2,3,4,5)
(Assignment: B,C,D)

III. MATERIALS

- A. BIBLE** - The Bible is a required textbook in every course at Calvary University. To facilitate academic level study, students are required to use for assignments and research an English translation or version of the Bible based on formal equivalence (*meaning that the translation is generally word-for-word from the original languages*), including any of the following: New American Standard (NASB), English Standard Version (ESV), New King James (NKJV), or King James (KJV). Other translations and versions based

on dynamic equivalence (*paraphrases, and thought-for-thought translations like NLT and NIV*) may be used as supplemental sources. Please ask the professor if you have questions about a particular translation or version.

B. Textbook

Caudil, Craig. *Essential Wilderness Navigation: A Real-World Guide to Finding Your Way Safely in the Woods With or Without A Map, Compass or GPS*. Page Street Publishing, 2019. ISBN: 978-1624147197. Retail Price \$16.99.

C. Map, Compass, GPS.

IV. REQUIREMENTS

A. Writing

1. All class papers must follow the APA style according 7th edition of the APA Publication Manual.
2. The Clark Academic Center (learning@calvary.edu), located in the library building, is dedicated to providing free academic assistance for all students. Student tutors aid with all facets of the writing process, tutor in various subject areas, prepare students for exams and facilitate tests. Please take advantage of this service.
3. Plagiarism is defined as copying any part of a book or paper without identifying the author. This also includes taking another person's ideas and presenting them as your own.

B. Discussion Questions

1. The student will write a summary of a particular topic that relates to navigation, first aid, and survival.

C. Navigation, survival, first aid

1. The student will hike a trail every week within a 30 mile radius of either Calvary's campus or where they are currently located and use a map and a compass.
2. The student will download a tracker app of the professor's choice to track and keep students accountable too.
3. Student will have a chance to experience orienteering with both a short trail and a long trail.
4. The student must apply first aid principles as it relates to the class of the week. Student will need to show proficiency in how to manage survival strategies.

D. Required Reading

1. Student will read the *Essential Wilderness Navigation: A Real-World Guide to Finding Your Way Safely in the Woods With or Without A Map, Compass or GPS*.
2. Student will read a variety of articles within the course.

V. METHODS

A. Lectures, Textbook Reading, participation in hiking trials.

B. Grading

1. Reading	200 Points
2. Discussion	100 Points
3. Weekly Hikes	200 Points
4. Journal Entries	200 Points
Total	700 Points

VI. TENTATIVE SCHEDULE

Lesson 1: Map Bearings
Lesson 2: Applying Map Bearings to the Field
Lesson 3: Field Bearings
Lesson 4: Known Location: Field to Map
Lesson 5: Unknown Along Stream: Field to Map
Lesson 6: Completely Unknown Location
Lesson 7: Wilderness Survival and Application
Lesson 8: Wilderness First Aid part 1
Lesson 9: Wilderness First Aid part 2

- Students with disabilities have the responsibility of informing the Accommodations Support Coordinator (aso@calvary.edu) of any disabling condition that may require support.
- Plagiarism is defined as copying any content without identifying the source. This also includes taking another person's or AI entity's ideas or constructs and presenting them as your own. The use of AI generated content in student work is prohibited (even if cited) as it does not represent original work created by the student and is an unreliable aggregate of ideas from other sources. Plagiarism of any kind will not be tolerated.
- The Clark Academic Center (learning@calvary.edu) is dedicated to providing free academic assistance for Calvary University students. Student tutors aid with all facets of the writing process, tutor in various subject areas, prepare students for exams and facilitate tests. Please take advantage of this service.