



ANG6958: Study Abroad

Department of Anthropology
College of Sciences, University of Central Florida

COURSE SYLLABUS

Instructor:	Scott Branting	Term:	Summer A 2017
Office:	Phillips Hall 409-O	Credit Hours	3
Phone:	(407) 823-4962	Class Meeting Days:	TBD
E-Mail:	scott.branting@ucf.edu	Class Meeting Hours:	TBD
Website:	Canvas	Class Location:	Kerkenes Dag, Turkey
Office	TBD	TA:	TBD
Hours:		TA email:	TBD

University Course Catalog Description

This course provides hands-on experience with using geospatial and geophysical technologies on an archaeological project in Turkey.

Course Overview

This course will teach you how to use the latest in geospatial and geophysical technologies within the ancient city at Kerkenes Dağ in central Turkey. This archaeological project is world-famous for its early adoption and its extensive and innovative use of technologies such as magnetometers, resistivity meters, survey-grade GPS systems, drones, 3D scanners, and agent-based simulations. You will be a part of the geophysical field school and learn how to find buried walls and buildings, to use drones and total stations to monitor standing walls in the one of the city's gates, to reconstruct in 3D what the ancient city looked like, or to explore the wealth of information contained within the project's digital geospatial datasets.

Course Objectives

In this course, students will gain hands-on skills in:

- Using geophysical equipment on an archaeological site and interpreting the results.
- Using geospatial equipment for archaeological research and cultural heritage recording.
- Being able to understand the usefulness of existing and emerging technologies to archaeological research.
- Living and working in a foreign country, as well as gaining a better understanding of Turkey, archaeology in Turkey, and the greater Middle East
- Project Implementation: applying a research design to real world data to generate interpretable scientific results
- Public speaking: through the presentation of the project and its analysis

Course Prerequisites

None

Required Text and Articles

Additional readings for this course take the form of journal articles, which are available through the UCF Library web site. In cases where a reading is not available for electronic download, a copy of the reading will be made available through the course website on Webcourses@UCF. The following text is also required for the course:

- Oswin, John (2009) A Field Guide to Geophysics in Archaeology. Berlin: Springer.

Basis for Final Grade

Your grade will be based upon your participation in field data collection and processing activities (60%), a final project report (30%), and a presentation of that report to the class (10%). Failure to hand it in assignments on the due date, in the absence of a pre-accepted excuse, will result in a score of (0) for that assignment. Presentation times will be scheduled later in the class. Failure to present at that time, in the absence of a pre-accepted excuse, will result in a score of (0) for the presentation.

Assignments	Due Date	Percent of Grade	Max. Points
Participation in field data collection and processing activities	May 8 – June 6	60%	60
Undergraduate Final Project Report	Final week	30%	30
Oral Presentation of Project	Final week	10%	10

Letter Grade	Points
A	93 – 100 points
A-	90 – 92 points
B+	87 – 89 points
B	83 – 86 points
B-	80 – 82 points
C+	77 – 79 points
C	73 – 76 points
C-	70 – 72 points
D+	67 – 69 points
D	63 – 66 points
D-	60 – 62 points
F	59 and below

Course Policies

Student Conduct

All student conduct must conform to the purpose of this class, which is to provide a welcoming and inclusive environment for the learning and sharing knowledge. This will require civility and respect for each other throughout the course, as well as trust and cooperation between you and me. Since this course will be held overseas, you will need to be extremely courteous to not only your fellow students and team members but also to people in our host village and country. Cheating, plagiarism, and disruptive behavior will not be tolerated. If your behavior is being disruptive, I may use my right as instructor to remove you from certain activities. If a student is habitually disruptive I also reserve the right to reduce their final course grade by up to 10%. Plagiarism and cheating are particularly serious offenses. Penalties for plagiarism or cheating can include a failing grade on an assignment or in the course, suspension or expulsion from the university, and/or a "Z Designation" on a student's official transcript indicating academic dishonesty, where the final grade for this course will be preceded by the letter Z. For more information about the Z Designation, see <http://z.ucf.edu/>. All students are required to follow the Rules of Conduct found within the Golden Rule, the University of Central Florida's Student Handbook (www.goldenrule.sdes.ucf.edu) while involved in the study abroad course. Violations of these rules may result in a record of the infraction being placed in your file. Confirmation of such incidents may result in expulsion from the University.

Attendance

I expect that students attend class activities unless there is a pre-accepted excuse. If you are not in attendance without a pre-accepted excuse, you will receive a score of (0) for that assignment.

Grades of "Incomplete"

Incomplete grades are only given when an unexpected and documented emergency situation prevented a student from completing the remaining work at the time when the emergency occurred. I have the right to make the final decision on whether or not to issue an incomplete, rather than submitting a final grade based upon your completed work. Incomplete work must be finished by the end of the next semester or the "I" will automatically become an "F" on your transcript.

Course Topics

The scheduling of the topics in this syllabus is highly dependent on external factors (such as weather or permit permissions). These topics will be covered within the course, though we'll flexibly move them around to accommodate constraints imposed by these external factors.

Topic	Additional reading assignments beyond main text
Introduction to Class, to Turkey, and to Kerkenes Dag	
History of Research at Kerkenes Dag	Schmidt 1928; von der Osten 1931; Branting et al. in prep
Archaeological background of Kerkenes Dağ	Branting 2015; Summers and Summers 2010
Geophysical Remote Sensing – Resistivity and Magnetometry	
Drones and Aerial Photography including Rectification	Roosevelt 2014; Summers and Summers 1994
Geospatial measurement tools: GPS and Total Stations	Branting and Summers 2002; Roosevelt 2014
3D Scanning	Summers et al. 2003
Geographic Information Systems (GIS)	
New Technologies	
Project Development	
Project Presentations	