

# Course Syllabus

## GEOGRAHY 1800: Mapping Our World (ID)

Instructor: R. Adam Dastrup, Associate Professor and Geosciences Coordinator

Contact Information: Canvas Learning Management System

[Geosciences Department Website](#)

### Required Material

Textbook: Material provided by the instructor

Supplemental website: [SLCC Student ePortfolio](#), [Canvas](#), [ESRI Virtual Campus](#), and [All Access](#)

[Google Hangouts](#) (optional)

### Course Description

Introduction to the fundamentals of Geospatial Technology, including Geographic Information Systems (GIS), Global Positioning Systems (GPS), cartography, remote sensing, and spatial analysis through a series of hands-on computer-based exercises. Participants will learn how to utilize geospatial technology to address social and environmental issues. The Geography Program at SLCC has listed the following as its desired outcomes for students in relation to the college-wide learning outcomes, who upon the completion of GEOG 1800 should be able to:

- *Demonstrate basic proficiency in map reading, interpretation, and design principles, including the mathematical concepts of geoids, coordinate systems, map projections and geographic grid systems.*
- *Describe and demonstrate how to access different sources of data, describe the process of creating data, and the fundamental concepts of data quality to analyze the world.*
- *Describe the fundamental concepts, theories, and applications of Geographic Information Science and Technology (GIS&T), including the problems and challenges of representing change spatially and time.*
- *Demonstrate how to access different sources of data, describe the process of creating data, and discuss the fundamental concepts of data quality.*
- *Demonstrate proficiency in the fundamental scientific concepts and applications of remote sensing and Global Positioning Systems.*
- *Formulate opinions on various ethical issues related to spatial technology and the impacts on society.*
- *Develop and formulate spatial thinking and analysis ability using a variety of mapping technologies including Google Maps, Google Earth, ArcGIS Desktop, and ArcGIS Online.*
- *Acquire computer and information literacy from a geospatial technology perspective.*

### SLCC General Education Statement

This course fulfills the *Interdisciplinary* requirement for the General Education Program at Salt Lake Community College. It is designed not only to teach the information and skills required by the discipline, but also to develop vital workplace skills and to teach strategies and skills that can be used for life-long learning. General Education courses teach basic skills as well as broaden a student's knowledge of a wide range of subjects. Education is much more than the acquisition of facts; it is being able to use

information in meaningful ways in order to enrich one's life.

While the subject of each course is important and useful, we become truly educated through making connections of such varied information with the different methods of organizing human experience that are practiced by different disciplines. Therefore, this course, when combined with other General Education courses, will enable you to develop broader perspectives and deeper understandings of your community and the world, as well as challenge previously held assumptions about the world and its inhabitants.

## **SLCC ePortfolio Statement**

In order for SLCC students to have a place to display and chronicle projects that demonstrate discipline-specific skills, critical thinking, and collaboration, SLCC has instituted a Gen Ed ePortfolio requirement in which students display their work from General Education courses. Students taking Gen Ed courses must place significant projects from those courses on a website they create that acts as a virtual portfolio of accomplishments in each course. In this way, prospective employers, community members, and transfer institutions can easily see the best of what each student has accomplished while attending SLCC. Your ePortfolio will allow you to include your educational goals, describe your extracurricular activities, and post your resume. When you finish your time at SLCC, your ePortfolio will then be a multi-media showcase of your educational experience. Visit <http://www.slcc.edu/gened/eportfolio> for more details.

You may visit the ePortfolio Lab in the basement of the Taylorsville Redwood Library during business hours, and staff will help you without an appointment. Finally, questions regarding the ePortfolio can be directed to [eportfolio@slcc.edu](mailto:eportfolio@slcc.edu).

## **Departmental Grading Scale**

93-100 = A    90-92 = A-    87-89 = B+    84-86 = B    80-83 = B-    77-79 = C+  
74-76 = C    70-73 = C-    67-69 = D+    64-66 = D    60-63 = D-    0-59 = E

## **Departmental Incomplete Grade Policy**

Students must be passing and have completed 70% of the course work in order to be granted an incomplete. Students are responsible for making arrangements to complete the course.

## **Late Work**

I expect all assignments and discussions to be turned in on time. Late work will not be accepted unless you are maimed, very sick, or otherwise incapable of using your fingers or your brain. If you experience such calamities, you may ask for an extension – providing documentation.

## **Online Participation and Attendance**

For this course participation is attendance. Simply filling an “electronic” seat space is not participating in the class. In my view, being “intellectually absent” from class discussions/activities is no different than being physically absent for class. I expect you to come to log into Canvas DAILY, read the assigned textbook chapters, and engage in online class discussions/activities.

## **Plagiarism Policy**

Students commit plagiarism when they submit another person's work as their own. Plagiarism also

includes the failure to attribute unique phrases, passages, or ideas to their original source (I will not grade any papers that do not contain both in-text and Works Cited citations). Plagiarism is a violation of the student code of conduct. Students who commit plagiarism will receive either an automatic E for that assignment or an E for the course, depending upon the severity of the plagiarism.

### **Accommodation for Students with Disabilities**

Students with medical, psychological, learning or other disabilities desiring accommodations or services under ADA, must contact the [Disability Resource Center](#)(DRC ). The DRC determines eligibility for and authorizes the provision of these accommodations and services for the college." Please contact the DRC at the Student Center, Suite 244, Redwood Campus, 4600 So. Redwood Rd, 84123. Phone: (801) 957-4659, TTY: 957-4646.