

GEOS 250: Computer Applications in Geosciences

Semester	Spring, 2017
Instructor	Dr. Shane D. Mayor
Meeting times	Section 1: Mondays, 2:00–3:50 PM in Physical Science Building (PHSC) 208 Section 2: Wednesdays, 2:00–3:50 PM in Physical Science Building (PHSC) 208
Office hours	TBD (Please e-mail first. If not in office, look in PHSC 128.)
Office	PHSC 117
Mailbox	Department of Geological and Environmental Sciences office (PHSC 217)
Phone	530–898–6337
E-mail	sdmayor@csuchico.edu
Class webpage	http://physics.csuchico.edu/~sdmayor/GEOS250/_S17/index.html
Catalog description	Develop skills in applying common computer software, including data analysis, presentation, graphics, and others. Use of this software as applied to selected problems in environmental sciences and geosciences.
Required Book	None. However, please bring a USB flash drive to every class to save your work. Files saved to the lab computers will be deleted nightly.
Optional	Students may purchase (for about \$100) a 1-year Interactive Data Language (IDL) software license for use on their own personal computer.
Course format	This is a laboratory based course. The instructor will teach students how to write IDL programs by demonstrating in class and students will learn by duplicating the instructor's actions on their own workstations. Additional assignments will be given for students to complete independently. Attendance is essential for success.
Prerequisites	Math 109 or Math 120 (may be taken concurrently).
Learning Objectives	By the end of the semester, students should be able to write computer programs in IDL to read and plot data, and make simple calculations.
Course Grade	Will be determined by attendance and assignments.
Dropping	You may drop without obtaining permission until Friday, February 3. From February 4 – 17, you must obtain permission from the instructor to drop. After Friday, February 17, you will need a serious and compelling reason to drop and your request must be approved by the Department Chair and the College Dean.

Instructor reserves the right to modify course content and this syllabus at any time.

Important Dates

Fri., 3 Feb.: Last day to add or drop without permission from the instructor.

Fri., 17 Feb.: No adding or dropping after this date without Chair's and Dean's approval.

Spring 2017 GEOS 250 Section 1 meeting dates, significant events, and *tentative* schedule.

Mon.	23	Jan.	Review syllabus and begin.
Mon.	30	Jan.	
Mon.	6	Feb.	
Mon.	13	Feb.	
Mon.	20	Feb.	
Mon.	27	Feb.	
Mon.	6	Mar.	
Mon.	13	Mar.	Spring break. No classes.
Mon.	20	Mar.	
Mon.	27	Mar.	
Mon.	3	Apr.	
Mon.	10	Apr.	
Mon.	17	Apr.	
Mon.	24	Apr.	
Mon.	1	May	
Mon.	8	May	
Mon.-Fri.	15 - 19	May	Final Exam week. Final comprehensive exam date and time TBD.

Spring 2017 GEOS 250 Section 2 meeting dates, significant events, and *tentative* schedule.

Weds.	25	Jan.	Review syllabus and begin.
Weds.	1	Feb.	
Weds.	8	Feb.	
Weds.	15	Feb.	
Weds.	22	Feb.	
Weds.	1	Mar.	
Weds.	8	Mar.	
Weds.	15	Mar.	Spring break. No classes.
Weds.	22	Mar.	
Weds.	29	Mar.	
Weds.	5	Apr.	
Weds.	12	Apr.	
Weds.	19	Apr.	
Weds.	26	Apr.	
Weds.	3	May	
Weds.	10	May	
Mon.-Fri.	15 - 19	May	Final Exam week. Final comprehensive exam date and time TBD.