

GEOGRAPHY 328: GIS ANALYSIS
DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF VICTORIA
Course outline – Winter 2016

GENERAL INFORMATION

Adam Wicks
Sessional Office: DTB B214
Email: awicks@uvic.ca

Office hours: TBD
or by appointment

Lecture Information:

Time: Tues, Wed – 11:30 - 12:20
Location: COR A229

Laboratory Information (*Section, Weekday, Time, Location, Instructor*)

B01	T	12:30 – 14:20	DTB A251	Jessica Fitterer
B02	R	14:30 – 16:20	DTB A253	Jacolby Giuseppini
B03	F	11:30 – 13:20	DTB A253	Jessica Fitterer

Contact information for TAs will be provided on CourseSpaces.

COURSE DESCRIPTION

This course focuses on analysis for digital mapping and modelling, developing and using geographic data to answer spatial research questions.

In this course we will cover a variety of topics including but not limited to: Spatial Analysis Building Blocks, Surface Analysis, Terrain Analysis, Spatial Interpolation, Suitability Analysis and Modelling in GIS.

COURSE OBJECTIVES

1. To understand the capabilities and limitations of GIS
2. To know how to solve spatial problems (theoretically and practically) using GIS
3. Communicate GIS issues and solutions
4. To read and write about GIS

PREREQUISITIES

GEOG 222 and GEOG 228
and one of GEOG 226, STAT 255, 260

EVALUATION CRITERIA

Labs (5) = 50% (10% each)

Term Tests = 20%

Final Exam = 30% - Date/Time TBA

Exam format will include a combination of short-answer and multiple-choice questions. The questions for the term test and final exam will be based on lectures, assigned readings, learning resources and class discussion. The term test will cover only the topics discussed immediately preceding it. The final exam is comprehensive, although may be weighted more heavily on material not previously tested on.

FINAL GRADE ALLOCATION

 A+ A A- B+ B B- C+ C D F

COURSE COMMUNICATION

