

**GEOGRAPHY 328:  
GIS ANALYSIS**

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF VICTORIA  
Course outline – Fall 2015

**GENERAL INFORMATION**

Dr. Shannon Fargey  
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Tel: 250-721-7342

**Office hours:** Wednesday 12:30 to 1:30 pm, Thursday 10:00 am -12:00 pm  
or by appointment

**Lecture Information:**

Time: Tues, Wed – 11:30 pm -12:20 pm  
Location: COR B107

**Laboratory Information**

B01	T	12:30 pm - 2:20 pm	DTB A251
B02	R	2:30 pm - 4:20 pm	DTB A253
B03	F	11:30 am - 1:20 pm	DTB A253

**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

## **EVALUATION CRITERIA**

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

Term Tests (2) = 10% each

Final Exam = 30% - Date/Time TBA

You must obtain a passing grade (i.e., 50%) in both the lecture and lab components to pass the course.

**Exam format** will include a combination of short-answer and multiple-choice questions. The questions for the term tests and final exam will be based on lectures, assigned readings, learning resources and class discussion. The term tests 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**

## **COURSE COMMUNICATION**

CourseSpaces learning management systems (LMS) will serve as the main avenue of communication in this course (<http://coursespaces.uvic.ca>). Please monitor the page on a regular basis for course announcements, readings assignments and lecture handouts. If you are having difficulty logging in or password problems, contact the Computer Help Desk Email: [helpdesk@uvic.ca](mailto:helpdesk@uvic.ca), Tel: 250-721-7687

## **LECTURE HANDOUTS**

Topic handouts on lecture presentations will be p



**STUDENTS WITH DIVERSE LEARNING STYLES AND NEEDS**

If you have any type of disability

