



The University of Southern Queensland

Course Specification

Description: GIS Practice 2

Subject	Cat-Nbr	Class	Term	Mode	Units	Campus
GIS	3901	14665	2, 2002	ONC	0.00	TWMBA

Academic Group:	FOENS
Academic Org:	FOES05
HECS Band:	2
ASCED Code:	031199

STAFFING

Examiner: Yan Liu

Moderator: Frank Young

PRE-REQUISITES

Pre-requisite: GIS 2901

SYNOPSIS

This course aims at providing students with practical knowledge and skills related to spatial analysis and modelling (vector and raster), map layout, geographic data presentation and product generation. In addition, the practical component of GIS project planning and implementation will be applied in a small GIS project. This course will involve the use of an industry standard GIS software package.

OBJECTIVES

On completion of this course, students should be able to:

- know and apply major spatial analysis functions and operations;
- design a map and produce hardcopy products;
- understand the various stages and processes involved in establishing a small GIS;
- undertake a small GIS project including the design, capture, analysis and output of final results;
- present the results of the GIS projects in a professional manner.

TOPICS

Description	Weighting (%)
1. Spatial analysis and modelling (vector data)	35.00
2. Spatial analysis and modelling (raster data)	35.00

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| 3. Map layout, geographic data presentation and 20 product generation | 20.00 |
| 4. GIS project planning and implementation | 10.00 |

REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

GIS1402 Geographic Information Systems External Study Package, USQ Publication,

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Lectures	5
Report Writing	10
Seminars	2
Tutorial	33

ASSESSMENT DETAILS

Description	Marks Out of	Wtg(%)	Required	Due Date
EXERCISES	1.00	50.00	Y	01 Nov 2002
SEMINAR AND REPORT	1.00	50.00	Y	01 Nov 2002

OTHER REQUIREMENTS

- 1 Attendance at a minimum of 80% of practical and/or residential school sessions is compulsory for a passing grade to be awarded in this course.
- 2 The only final grades awarded in this course are Pass (P) or Fail (F) grades.
- 3 To receive a passing grade in this course a student must normally achieve at least 45% in each of the assessments and at least 50% of the available marks for the course.
- 4 A minimum standard of communication skills must be demonstrated in order for a passing grade to be achieved.
- 5 The due date for an assignment is the date by which a student must submit the assignment to the USQ. The onus is on the student to provide proof of the submit date, if requested by the Examiner.
- 6 Students must retain a copy of each item submitted for assessment. This must be produced within five days if required by the Examiner.
- 7 In accordance with University's Assignment Extension Policy (Regulation 5.6.1), the examiner of a course may grant an extension of the due date of an assignment in extenuating circumstances.

- 8 If students submit assignments after the due date without prior approval then a penalty of up to 20% of the total marks for the assignment will apply for each working day late.
- 9 In the event that a due date for an assignment falls on a local public holiday in their area, such as a Show holiday, the due date for the assignment will be the next day. Students are to note on the assignment cover the date of the public holiday for the Examiner's convenience.
- 10 The Faculty of Engineering and Surveying will NOT accept submission of hand written or typed assignments by facsimile, e- mail or computer diskette. Students in remote locations who do not have regular access to postal services may be given special consideration.
- 11 The final grades for students will be assigned on the basis of the aggregate of the marks obtained for each of the assessments in the course.
- 12 Students who have undertaken all of the required assessments in a course but who have failed to meet some of the specified objectives of a course within the normally prescribed time may be awarded the temporary grade: IM (Incomplete - Make up). An IM grade will only be awarded when, in the opinion of the examiner, a student will be able to achieve the remaining objectives of the course after a period of non directed personal study.
- 13 Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment or to sit for an examination at the scheduled time may apply to defer an assessment in a course. Such a request must be accompanied by appropriate supporting documentation. One of the following temporary grades may be awarded IDS (Incomplete - Deferred Examination; IDM (Incomplete Deferred Make-up; IDSM (Incomplete Deferred Examination and Make-up).
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