



The University of Southern Queensland

Course Specification

Description: Geographic Data Presentation

Subject	Cat-Nbr	Class	Term	Mode	Units	Campus
GIS	1401	15178	2, 2002	EXT	1.00	TWMBBA

Academic Group:	FOENS
Academic Org:	FOES05
HECS Band:	2
ASCED Code:	031103

STAFFING

Examiner: Yan Liu

Moderator: Kevin McDougall

SYNOPSIS

The professional presentation of survey and land information is an important facet of preparing data for client use. In addition the interpretation of survey plans, maps and technical drawings requires knowledge, skill and experience. The student must be able to prepare specialist surveying and civil engineering drawings by hand and by computer. He/she will also combine non geographic information, with other mapping information in thematised presentations.

OBJECTIVES

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

- read and interpret maps, engineering drawings and survey plans;
- understand the basic components of maps and plans;
- understand the basic processes required to collect and compile topographic and thematic map data;
- understand the objectives of cartographic communication;
- demonstrate basic drafting skills;
- prepare specialist civil engineering and surveying drawings;
- utilise a computer aided drafting package; and
- understand the basic operations of a GIS package.

TOPICS

Description	Weighting (%)
1. Introduction to various types of plans, maps and drawings	5.00

2. Cartographic conventions and drafting standards	10.00
3. Map accuracies and standards	7.00
4. Map and plan reading and interpretation	10.00
5. Thematic mapping	20.00
6. Methods for collecting and compiling maps and plans	8.00
7. Graphic presentation	10.00
8. Basic drafting	5.00
9. Specialist drafting in civil engineering and surveying	10.00
10. Computer aided drafting	15.00

TEXT and MATERIALS required to be PURCHASED or ACCESSED:

Books can be ordered by fax or telephone. For costs and further details use the 'Book Search' facility at <http://bookshop.usq.edu.au> by entering the author or title of the text.

Boundy, A. W. *Engineering Drawing*, 6th edition, McGraw Hill,

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.

World Wide Web sites: refer to GIS1401 Geographic Data Presentation, Study Book 2, USQ Publication.

Australian Standard AS1100 Part 101.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Assessment	45
Directed Study	52
Examinations	2
Private Study	56

ASSESSMENT DETAILS

Description	Marks Out of	Wtg(%)	Required	Due Date
ASSIGNMENT 1	100.00	10.00	Y	30 Aug 2002
ASSIGNMENT 2	300.00	30.00	Y	30 Sep 2002
ASSIGNMENT 3	250.00	25.00	Y	18 Oct 2002
2 HOUR CLOSED EXAMINATION	350.00	35.00	Y	END S2 (see note 4)

NOTES:

4. Student Administration will advise students of the dates of their examinations during the semester.

OTHER REQUIREMENTS

- 1 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.
- 2 A minimum standard of communication skills must be demonstrated in order for a passing grade to be achieved.
- 3 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.
- 4 Students must retain a copy of each item submitted for assessment. This must be produced within five days if required by the Examiner.
- 5 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.
- 6 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.
- 7 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.
- 8 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.
- 9 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.
- 10 A closed examination is an examination where the candidates are allowed to bring only writing and drawing instruments into the examination.
- 11 The Faculty of Engineering and Surveying does not offer supplementary examinations.

- 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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