



The University of Southern Queensland

Course specification

The current and official versions of the course specifications are available on the web at <http://www.usq.edu.au/coursespecification/current>.
Please consult the web for updates that may occur during the year.

Description: Cadastral Surveying

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
SVY	3304	90726	2, 2009	ONC	1.00	Toowoomba

Academic group:	FOENS
Academic org:	FOES05
Student contribution band:	2
ASCED code:	031101

STAFFING

Examiner: Glenn Campbell
Moderator: Shane Simmons

REQUISITES

Pre-requisite: SVY1102 and SVY1104

SYNOPSIS

Cadastral surveying refers to those surveys involving the description of land boundaries and requires a thorough knowledge of the current system for the registration of land. The majority of survey graduates will have some involvement with cadastral surveying during their career, if not for the whole of their careers, and must be introduced to the underlying principles as early as possible.

OBJECTIVES

The course objectives define the student learning outcomes for a course. The assessment item(s) that may be used to assess student achievement of an objective are shown in parenthesis. On completion of this course, students should be able to:

1. describe the ownership and possession of land and other property in a legal context (Exam);
2. apply statutory law relating to cadastral surveying as set out in various Acts and Regulations (Exam);
3. outline the system of land registration in common use throughout Australia and list its benefits (Assignment 2 and Exam);
4. illustrate the importance of cadastral surveying in the land registration process (Exam);
5. demonstrate an understanding of the rights and responsibilities of cadastral surveyors (Exam);
6. identify different types of cadastral surveys (Exam);
7. describe historical survey requirements in Queensland including marking requirements (Assignment 2 and Exam);
8. describe current survey requirements in Queensland including marking requirements (Exam);

9. employ sound field measuring techniques and field checking procedures on cadastral surveys (Assignment 1, Assignment 2 and Exam);
10. interpret and analyse a cadastral survey plan (Assignment 1, Assignment 2 and Exam);
11. perform cadastral boundary reinstatement calculations for both rural and urban surveys (Assignment 1, Assignment 2 and Exam);
12. list and apply the fundamental reinstatement principles (Assignment 2 and Exam);
13. apply recommended plan drafting practices to the presentation of cadastral survey data (Assignment 1, Assignment 2 and Exam).

TOPICS

	Description	Weighting (%)
1.	Legal Aspects of Property	10.00
2.	Tenures and Titling Systems	10.00
3.	Licensed Surveyors and Cadastral Surveys	5.00
4.	Historical Survey Requirements in Queensland	15.00
5.	Pre-Planning and Field Procedures	15.00
6.	Reinstatement	35.00
7.	Current Marking Requirements in Queensland	5.00
8.	Plan Requirements in Queensland	5.00

TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at <http://bookshop.usq.edu.au> click 'Semester', then enter your 'Course Code' (no spaces).

2003, *Surveyors Act*, Government Printer, Queensland.

(also available online at <http://www.legislation.qld.gov.au/OQPChome.htm>)

2004, *Surveyors Regulation*, Government Printer, Queensland.

(also available online at <http://www.legislation.qld.gov.au/OQPChome.htm>)

2003, *Survey and Mapping Infrastructure Act*, Government Printer, Queensland.

(also available online at <http://www.legislation.qld.gov.au/OQPChome.htm>)

2004, *Survey and Mapping Infrastructure Regulation*, Government printer, Queensland.

(also available online at <http://www.legislation.qld.gov.au/OQPChome.htm>)

Registrar of Titles directions for the preparation of plans, Department of Natural Resources and Mines,

(only available online at <http://www.nrw.qld.gov.au/property/titles/rdpp/index.html>)

Cadastral Survey Requirements (Standards), Department of Natural Resources and Mines,

(only available online at http://www.nrm.qld.gov.au/property/surveying/technical_standards.htm)

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.

1997, *Body Corporate and Community Management Act*, Government Printer, Queensland.
(also available at <http://www.legislation.qld.gov.au/OQPCHOME.htm>)

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Assessments	40.00
Examinations	2.00
Lectures	26.00
Private Study	61.00
Tutorials	26.00

ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date
ASSIGNMENT 1	100.00	10.00	31 Aug 2009
ASSIGNMENT 2	300.00	30.00	12 Oct 2009
2 HOUR CLOSED EXAM	600.00	60.00	END S2 (see note 1)

NOTES

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

IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:
It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.
- 2 Requirements for students to complete each assessment item satisfactorily:
To satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks or a grade of at least C-. (Depending upon the requirements in Statement 4 below, students may not have to satisfactorily complete each assessment item to receive a passing grade in this course.)
- 3 Penalties for late submission of required work:
If students submit assignments after the due date without extenuating circumstances then a penalty of 5% of the assigned mark may apply for each working day late up to a maximum of ten working days at which time a mark of zero can be recorded for that assignment.

- 4 Requirements for student to be awarded a passing grade in the course:
To be assured of receiving a passing grade in a course a student must obtain at least 50% of the total weighted marks for the course.
- 5 Method used to combine assessment results to attain final grade:
The final grades for students will be assigned on the basis of the weighted aggregate of the marks (or grades) obtained for each of the summative assessment items in the course.
- 6 Examination information:
Candidates are allowed to bring only writing and drawing instruments into the Closed examination.
- 7 Examination period when Deferred/Supplementary examinations will be held:
Any Deferred or Supplementary examinations for this course will be held during the examination period at the end of the semester of the next offering of this course.
- 8 University Regulations:
Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL <http://www.usq.edu.au/corporateservices/calendar/part5.htm> or in the current USQ Handbook.

ASSESSMENT NOTES

- 1 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the Examiner.
- 2 Students must retain a copy of each item submitted for assessment. This must be produced within five days if required by the Examiner.
- 3 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.
- 4 The Faculty will normally only accept assessments that have been written, typed or printed on paper-based media.
- 5 The Faculty will NOT accept submission of assignments by facsimile.
- 6 Students who do not have regular access to postal services or who are otherwise disadvantaged by these regulations may be given special consideration. They should contact the examiner of the course to negotiate such special arrangements.
- 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 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 one of the temporary grades: IM (Incomplete - Make up), IS (Incomplete - Supplementary Examination) or ISM (Incomplete -Supplementary Examination and Make up). A temporary 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.
- 9 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); IDB (Incomplete - Both Deferred Examination and Deferred Make-up).