



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: Surveying Practice 1

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
SVY	1901	86348	1, 2009	ONC	0.00	Toowoomba

<b>Academic group:</b>	FOENS
<b>Academic org:</b>	FOES05
<b>Student contribution band:</b>	2
<b>ASCED code:</b>	031101

### STAFFING

Examiner: Albert Kon-Fook Chong  
Moderator: Shane Simmons

### OTHER REQUISITES

Recommended prior or concurrent study: SVY1102

### SYNOPSIS

The practice course seeks to develop competency in the use of a variety of survey instruments, calculations and practices. This course provides a broad introduction to surveying methodology and practices.

### 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. operate basic survey equipment, including automatic levels and theodolites (Reports and Practical Work);
2. perform calculations required for basic surveying tasks including level traverse reduction and Bowditch traverse adjustment (Reports and Practical Work);
3. demonstrate basic surveying skills (Reports and Practical Work);
4. develop survey party leadership skills and work as part of a team (Reports and Practical Work); and
5. present surveying results at an appropriate level of communication and presentation skills (Reports and Practical Work).

### TOPICS

Description	Weighting (%)
1. Survey instruments including automatic levels and theodolites	40.00

2.	Survey calculations	20.00
3.	Survey practices	40.00

### **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).

Scientific calculator

Basic drawing implements.

### **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.

*SVY1102 Surveying A: external study package*, University of Southern Queensland, Toowoomba.

*GIS1401 Geographic data presentation: external study package*, University of Southern Queensland, Toowoomba.

### **STUDENT WORKLOAD REQUIREMENTS**

ACTIVITY	HOURS
Laboratory or Practical Classes	28.00
Report Writing	18.00
Tutorials	4.00

### **ASSESSMENT DETAILS**

Description	Marks out of	Wtg (%)	Due date
REPORTS & PRACTICAL WORK	1.00	80.00	02 Mar 2009 (see note 1)
SEMINAR PRESENTATION	1.00	20.00	02 Mar 2009

#### **NOTES**

1. Students will be advised of the due date for each assessment item.

### **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 the practical component of this course, students must complete all of the practical and other activities and submit all reports by the due date.
  - 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, students must complete at least 90% of the practical and other activities at a satisfactory standard, as stated in the course Assessment Scheme.
  - 5 Method used to combine assessment results to attain final grade:  
As P is the only passing grade available for this course, all students who are qualified for a passing grade, under the requirements in 4 above, will be given a grade of P. Other students will be given either a Failing grade or an Incomplete grade.
  - 6 Examination information:  
There is no examination in this course.
  - 7 Examination period when Deferred/Supplementary examinations will be held:  
Not applicable.
  - 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 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.
- 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).