



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: Professional Practice 2

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
ENG	4903	90283	2, 2009	EXT	0.00	Toowoomba

<b>Academic group:</b>	FOENS
<b>Academic org:</b>	FOENSV
<b>Student contribution band:</b>	2
<b>ASCED code:</b>	039999

### STAFFING

Examiner: Karu Karunasena  
Moderator: Peter Gibbings

### REQUISITES

Pre-requisite: ENG3902

### OTHER REQUISITES

Recommended prior or concurrent study: ENG4111 and ENG4112

### SYNOPSIS

This is the second of two courses which address, in a generic sense, the work undertaken, the performance required and responsibilities borne by the practices of professional engineering and spatial science. As the final practice course in the Bachelor of Engineering and Bachelor of Spatial Science, this course is particularly concerned with interaction with the professions at large. It is also concerned with developing an awareness of professional ethics, environmental responsibilities and sustainability principles. A major part of all engineering and spatial science project work is the appropriate communication of the outcome. This course provides guidance and experience in both verbal (seminar) and written reporting skills and is undertaken to complement the courses ENG4111 Research Project Part 1 and ENG4112 Research Project Part 2 in the final year of the Bachelor Degree. The presentation of a major seminar on the work undertaken during the final year project is a requirement for the completion of this course.

### 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. prepare an extended abstract for a technical seminar in a format appropriate for a non-technical audience (Portfolio);

2. plan and present a substantial technical seminar in an appropriate professional manner (Portfolio);
3. make effective use of presentation aids (Portfolio);
4. present, defend and discuss the technical information, based on their own academic dissertation, in a professional forum (Portfolio);
5. appreciate the qualities which distinguish the academic dissertation research content from the engineering/surveying technical report (Portfolio);
6. recognise and debate the strengths and limitations of the academic component of the education of a professional engineer/surveyor (Portfolio);
7. discuss the need for a period of professional formation (Portfolio).

## TOPICS

	Description	Weighting (%)
1.	Conference Presentation Extended Abstract	10.00
2.	PROJECT COMMUNICATION - VERBAL seminar preparation; seminar experience and critique (small group); use of aids (PowerPoint, models, etc).	50.00
3.	Supervisor Consultation - presentation	10.00
4.	ETHICS and PROFESSIONAL RESPONSIBILITIES Engineering/Spatial Science professionalism; BEng/BPSS program evaluation.	10.00
5.	PROJECT CONFERENCE Participation and presentation.	19.00
6.	WORK EXPERIENCE (BEng only) Completion of 60 days work experience	1.00

## 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).

## 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.

*ENG4111 Research Project Part 1 External Study Package*, USQ Publication, Toowoomba.

*ENG4112 Research Project Part 2 External Study Package*, USQ Publication, Toowoomba.

## STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Directed Study	5.00
Laboratory or Practical Classes	4.00
Private Study	5.00
Report Writing	2.00
Seminars	16.00
Supervisor Consultation	4.00
Tutorials	14.00

## ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date
PORTFOLIO	1.00	100.00	18 Sep 2009 (see note 1)
WORK EXPERIENCE (BENG ONLY)	1.00	1.00	30 Oct 2009 (see note 2)

### NOTES

1. The items required for completion of the Portfolio are described in the study materials.
2. Surveying and GIS students are exempted from this assessment.

## IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:  
This course requires attendance at a residential school. 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:  
(a) To satisfactorily complete the Portfolio students must meet the requirements for each of the items in the Portfolio as described in the study materials. (b) To complete the work experience requirements (Bachelor of Engineering students only) a student must: provide to their Head of Discipline a report detailing a minimum of 60 days of discipline relevant work experience; provide independent verification of the work experience; have the Head of Discipline or his/her representative confirm the suitability of the experience.
- 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 a passing grade, students must demonstrate, via the summative assessment item, that they have achieved the required minimum standards in relation to the objectives

- of the course by satisfactorily completing all of the items in the Portfolio, as stated in 2 above.
- 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 despatched to USQ within 24 hours 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 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.
- 7 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).
- 8 This is a communication benchmark course and a major component of the assessment of this course will be associated with the demonstration of communication skills.

## **OTHER REQUIREMENTS**

- 1 A student will not normally undertake this course until he/she is in the last two (2) semesters of the degree program has completed the pre-requisite course ENG3902 Professional

Practice 1; AND is enrolled in courses ENG4111 Research Project Part 1 and ENG4112 Research Project Part 2.

- 2 Students must refer to their results detailed in UConnect if they were awarded a grade other than pass. Details of the requirements to upgrade to a pass grade will be listed at that location.
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