

# ENGR 7017 PROFESSIONAL PRACTICE AND COMMUNICATION

**Credit Points** 10

**Legacy Code** 301005

**Coordinator** Maria Mikhail ([https://directory.westernsydney.edu.au/search/name/Maria Mikhail/](https://directory.westernsydney.edu.au/search/name/Maria%20Mikhail/))

**Description** This unit introduces some of the concepts, standards and techniques associated with the current professional practice for engineering and information technology students. These include the various elements of engineering and IT practice, basic knowledge of contract laws and legal responsibility, competence in verbal and written communication, and an understanding of ethical considerations.

**School** Computer, Data & Math Sciences

**Discipline** Other Engineering And Related Technologies

**Student Contribution Band** HECS Band 2 10cp

**Level** Postgraduate Coursework Level 7 subject

## Restrictions

Students must be enrolled in a postgraduate program

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Display skills in all aspects of communication, including for technical and non-technical, and academic and public audiences.
2. Evaluate information relevant to IT and engineering topics, using the full range of information-searching tools.
3. Describe and model ethical and professional codes of conduct for IT and engineering professions.
4. Demonstrate the concepts related to business risk management, security and privacy of information.
5. Explain legal, social and environmental issues related to computing, IT and engineering.
6. Explain project management principles and recognise their impact in the leveraging of professional practice in IT and engineering.
7. Work effectively as both leader and member of a team, to design, manage and complete a number of projects, and to resolve conflicts.

## Subject Content

Academic and professional writing  
 Oral and visual presentation  
 Ethics, ethical behaviour and professional responsibility  
 Intellectual property rights  
 Risk management and management of data security  
 Project management  
 Contracts and arbitration  
 Work integrated learning and professional portfolio

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are

regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/Group Task
Essay	1,500 words	30	N	Individual
Report	3,500 words	30	Y	Group
Presentation	5 minutes (per student)	15	N	Both (Individual & Group)
Case Study	2,500 words	25	Y	Individual

Teaching Periods

## Autumn

### Parramatta City - Macquarie St

#### Day

**Subject Contact** Maria Mikhail ([https://directory.westernsydney.edu.au/search/name/Maria Mikhail/](https://directory.westernsydney.edu.au/search/name/Maria%20Mikhail/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR7017\\_22-AUT\\_PC\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR7017_22-AUT_PC_D#subjects))

### Parramatta - Victoria Rd

#### Day

**Subject Contact** Maria Mikhail ([https://directory.westernsydney.edu.au/search/name/Maria Mikhail/](https://directory.westernsydney.edu.au/search/name/Maria%20Mikhail/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR7017\\_22-AUT\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR7017_22-AUT_PS_D#subjects))

## Sydney City Campus - Term 1

### Sydney City

#### Day

**Subject Contact** Mahsa Razavi ([https://directory.westernsydney.edu.au/search/name/Mahsa Razavi/](https://directory.westernsydney.edu.au/search/name/Mahsa%20Razavi/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR7017\\_22-SC1\\_SC\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR7017_22-SC1_SC_D#subjects))

## Spring

### Parramatta City - Macquarie St

#### Day

**Subject Contact** Aruna Jamdagni ([https://directory.westernsydney.edu.au/search/name/Aruna Jamdagni/](https://directory.westernsydney.edu.au/search/name/Aruna%20Jamdagni/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR7017\\_22-SPR\\_PC\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR7017_22-SPR_PC_D#subjects))

### Parramatta - Victoria Rd

#### Day

**Subject Contact** Aruna Jamdagni ([https://directory.westernsydney.edu.au/search/name/Aruna Jamdagni/](https://directory.westernsydney.edu.au/search/name/Aruna%20Jamdagni/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR7017\\_22-SPR\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR7017_22-SPR_PS_D#subjects))

## Sydney City Campus - Term 3

### Sydney City

#### Day

**Subject Contact** Mahsa Razavi ([https://directory.westernsydney.edu.au/search/name/Mahsa Razavi/](https://directory.westernsydney.edu.au/search/name/Mahsa%20Razavi/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=ENGR7017\\_22-SC3\\_SC\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR7017_22-SC3_SC_D#subjects))