

ENGR 7017 PROFESSIONAL PRACTICE AND COMMUNICATION

Credit Points 10

Legacy Code 301005

Coordinator Aruna Jamdagni (<https://directory.westernsydney.edu.au/search/name/Aruna.Jamdagni/>)

Description This subject 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

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

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.

Type	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	Group/Individual
Case Study	2,500 words	25	Y	Individual

Teaching Periods

Autumn (2024)

Parramatta - Victoria Rd

On-site

Subject Contact Maria Mikhail (<https://directory.westernsydney.edu.au/search/name/Maria.Mikhail/>)

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Sydney City Campus - Term 1 (2024)

Sydney City

On-site

Subject Contact Mahsa Razavi (<https://directory.westernsydney.edu.au/search/name/Mahsa.Razavi/>)

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Sydney City Campus - Term 2 (2024)

Sydney City

On-site

Subject Contact Mahsa Razavi (<https://directory.westernsydney.edu.au/search/name/Mahsa.Razavi/>)

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Spring (2024)

Parramatta - Victoria Rd

On-site

Subject Contact Aruna Jamdagni (<https://directory.westernsydney.edu.au/search/name/Aruna.Jamdagni/>)

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