

ENGR 2031 MANAGEMENT PRACTICES FOR ENGINEER ASSOCIATES (WSTC ASSOCD)

Credit Points 10

Legacy Code 700307

Coordinator Bader Unnisa Mehdi (<https://directory.westernsydney.edu.au/search/name/Bader Unnisa Mehdi/>)

Description This subject will enable students to support the achievement of organisational goals. The unit's major focus is project management, culminating in a practical project which gives students the opportunity to work as part of a team to apply key project management skills and knowledge. It also introduces some of the management practices engineers need to understand and master in order to work effectively in the field. This includes effective communication, especially when working in a team, work health and safety, and an ability to plan, develop and build a career as an Engineer Associate.

School Eng, Design & Built Env

Discipline Other Engineering And Related Technologies

Student Contribution Band HECS Band 2 10cp

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

Level Undergraduate Level 2 subject

Equivalent Subjects ENGR 2009 Engineering Management for Engineer Associates (WSTC AssocD)
ENGR 2018 Professional Practice for Engineer Associates (WSTC AssocD)

Restrictions

Students must be enrolled at The College in 7022 Associate Degree in Engineering

Learning Outcomes

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

1. Identify and use appropriate criteria to reflect on career development pathways in engineering.
2. Apply ethical and sustainable engineering principles.
3. Demonstrate an understanding of workplace health and safety.
4. Analyse and apply engineering project management principles, tools and procedures in an engineering project.
5. Communicate professionally and effectively as part of a team.

Subject Content

- Engineering career planning and development.
- Effective study and workplace communication skills.
- Sustainable engineering and ethics in engineering.
- Managing workplace health and safety.
- Fundamentals of project management.

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
Quiz	10 multiple choice questions per quiz	20	N	Individual
Reflection	300 words each	25	N	Individual
Professional Task	1,000 words	25	N	Individual
Presentation	500-750 words per student	30	N	Group

Teaching Periods

Quarter 3 (2022)

Nirimba Education Precinct

Composite

Subject Contact Bader Unnisa Mehdi (<https://directory.westernsydney.edu.au/search/name/Bader Unnisa Mehdi/>)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=ENGR2031_22-Q3_BL_C#subjects)

Quarter 3 (2023)

Nirimba Education Precinct

Hybrid

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ENGR2031_23-Q3_BL_3#subjects)