Course Outline

Term 1 2020

CORONAVIRUS UPDATE

Check course Moodle Announcements for coronavirus updates:

https://moodle.telt.unsw.edu.au/mod/forum/view.php?id=2773001

For Weeks 1 & 2 also see *Contact* [illegible]

Contents

1. Staff contact details

Contact details and consultation times for course convenor

Mr David Lyons CEng FRINA MIEAust GCULT
Office location: Ainsworth J17 208D
Tel: (02) 9385 6120
Email: david.lyons@unsw.edu.au (email is the best form of contact)
Moodle: https://moodle.telt.unsw.edu.au/course/view.php?id=49519

It is recommended you email the course convenor to make a specific appointment if you need to discuss any important issues. Always consult the course Moodle first in case your questions have already been answered.

Contact details and consultation times for additional lecturers/demonstrators/lab staff

You will continue working in the same groups (from MMAN4010-T3-2019) with the assistance of the course convenor and one of two **Mentors**.

Name: Ali Ahmed ï **Mentor** a.f.ahmed@unsw.edu.au
Name: TBA ï **Mentor**

Please also see the course Moodle.

2. Important l

- Moodle
- Lab Access
- Health and Safety
- Computing Facilities
- Student Resources
- Course Outlines
- Engineering Student Support Services Centre
- Makerspace
- UNSW Timetable
- UNSW Handbook
- UNSW Mechanical and Manufacturing Engineering

3. Course details

Credit points

This is a 6 unit-of-

The group project is to be completed in two consecutive trimesters during the last academic year before graduation.

It is not the responsibility of the course coordinator or Mentors to tell the student what to do, nor should it be assumed that your Mentor is an expert in all areas of engineering. Your Mentor is there to offer guidance and advice, as may other staff in the School if agreeable and available (you should always seek an appointment by prior arrangement), who may have expertise in the area of your project. The successful execution of the project is solely the responsibility of the student.

Student learning outcomes

This course is designed to address the learning outcomes below and the corresponding Engineers Australia Stage 1 Competency Standards for Professional Engineers as shown. The full list of Stage 1 Competency Standards may be found in Appendix A.

After successfully completing this course, you should be able to:

Learning Outcome		**EA Stage 1 Competencies**
1.	Conduct independent research and apply established theories to address an engineering problem that does not have a well-defined solution	PE2.1, 2.3, 2.4, 3.3
2.	Analyse critically, reflect on and synthesise complex information, problems, concepts and theories.	PE2.1, 2.3, 2.4
3.	Interpret and transmit knowledge, skills and ideas to specialist and non-specialist audiences.	PE2.4, 3.2, 3.4
4.	Demonstrate managerial skills and individual responsibility to complete a project within limited time and resources.	PE3.4, 3.5, 3.6

4. Teaching strategies

Online advice and strategies to assist your independent project work may be provided via Moodle. Student groups are expected to meet their Mentors face-to-face, to provide updates on progress and to seek feedback and guidance. Online contact with other group members, course convenor and Mentors via the Moodle Group Forum (MGF) is to be conducted on a very regular, ongoing and as-needed basis ï **weekly** in-person attendance and contribution is also m.32 841.90 g0 793008871 0 19

5.

Students must organise to enrol in the same tutorial as their group members from MMAN4010. Updates posted 05 Feb 2020 in orange for Weeks 1 and 2: Coronavirus contingency.

Week	**Expected Task Completion: Upload minutes to your Moodle Group Forum (MGF) weekly.** **Deliverables are tasks that must be completed and are assessed.**
Week 1	Re-establish contact with your group in Moodle Reconvene with your course convenor and Mentor in person *(or via Moodle/online)* **Deliverable:** Minutes posted to MGF.
Week 2	**Deliverable: Revisit your methodology** in response to the Project Brief. Reapprove or modify. Had one group meeting with your Mentor. **Deliverable:** Produce group meeting minutes and post to your MGF
Week 3 Week 4	Had at least one group meeting *(including online)* to work on: o **Deliverable:** Draft an updated Practice Thesis B **project** task timeline (Gantt) and post to MGF. o **Deliverable:** Produce minutes (can contain all Week 3 deliverables) and post to MGF

Assignments

Presentation

All submissions are expected to be neat and clearly set out. Your results are the pinnacle of all your hard work and should be treated with due respect. Presenting results clearly gives the marker the best chance of understanding your method; even if the numerical results are incorrect.

Submission

Work submitted late without an approved extension by the course coordinator or delegated authority is subject to a late penalty of 20 percent (20%) of the maximum mark possible for that assessment item, per calendar day.

The late penalty is applied per calendar day (including weekends and public holidays) that the assessment is overdue. There is no pro-rata of the late penalty for submissions made part way through a day.

Work submitted after the ódeadline for absolute failôis not accepted and a mark of zero will be awarded for that assessment item.

For some assessment items, a late penalty may not be appropriate. These are clearly indicated in the course outline, and such assessments receive a mark of zero if not completed by the specified date00088neqeqeqeqeqeqeqeqeqeqeqe qeqeqeqeqe qeqeqeqeqeqe1 0 0 1 72.

9. Academic honesty and plagiarism

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW students have a responsibility to adhere to this principle of academic integrity. Plagiarism undermines academic integrity and is not tolerated at UNSW. *Plagiarism at UNSW is defined as using the words or ideas of others and passing them off as your own.*