| | |
|---|---|
| | 4 hours per week online (generally 2 - 3 hours presentation of new concepts & materials, followed by case studies, practice exercises, etc) |
| **Distance Delivery** | All course and assignment materials, plus weekly videos (viewable in own time) are distributed online via Moodle.<br><br>**IT IS ESSENTIAL THAT ALL STUDENTS REGULARLY ACCESS THEIR OFFICIAL UNSW EMAIL ACCOUNT THROUGHOUT THE SEMESTER FOR ADDITIONAL INFORMATION AND COURSE UPDATES** |
| **Course Coordinator and Co-Lecturer** | Professor Ian Turner<br>email: ian.turner@unsw.edu.au<br>office: room 302, Civil & Environmental Engineering Building<br>phone: 80719800 (Water Research Laboratory, Manly Vale) |
| **Co-Lecturer** | Dr Kristen Splinter<br>email: k.splinter@unsw.edu.au<br>office: room 313, Civil & Environmental Engineering Building |

**TEACHING STRATEGIES**

| | |
|---|---|
| **Private Study** | ¶ Review lecture material and textbook<br>¶ Do set problems and assignments<br>¶ Reflect on class problems and assignments<br>¶ Download materials from Moodle |
| **R**ecorded **Lectures** | ¶ Find out what you must learn<br>¶ Case studies |

## COURSE PROGRAM

**TERM 1, 2020**

***Please refer to Moodle for detailed information about specific content each week***

| Week | Lecturer | Topic | Assessments Due |
|---|---|---|---|
| 1 | Ian Turner | Waves I | |
| 2 | Ian Turner | Waves II | |
| 3 | Ian Turner | Beaches, Hazards, Climate Change | Assignment #1 (Online) |
| 4 | Kristen Splinter | Sediment Transport I | |
| 5 | Kristen Splinter | Sediment Transport II | |
| 6 | | **NO CLASSES THIS WEEK** | |
| 7 | Ian Turner | Breakwaters and Revetments I | Assignment #2 (Report - Turnitin) |
| 8 | Ian Turner | **SITE INSPECTIONS** (off-campus) | |
| 9 | Ian Turner | Breakwaters and Revetments II & Beach Nourishment | |
| 10 | Kristen Splinter | Coastal/Marine Structures | Assignment #3 (Report - Turnitin) |

## ASSESSMENT

The three assignments (1 x online/timed quiz; 2 x hand-in reports) provide the opportunity for students to develop and demonstrate their understanding across the 3 main themes of this course: waves, sediment transport and coastal structures.

The open book exam enables students to demonstrate their gained knowledge and understanding across the breadth of materials covered in the course.

**Supplementary Examinations f8(ge)3.997uue.**

| Item | Length | Weighting | Learning outcomes assessed | Assessment Criteria | Due date and submission requirements | Deadline for absolute fail (0%) | Marks returned |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## RELEVANT RESOURCES

Specific references will be provided at times during the subject. However, the following are recommended as generally useful.

- *Shore Protection Manual*, 2 volumes, US Army Coastal Engineering Research Center, 4th Edition, 1984.
- Coastal Engineering Manual (CEM) ï down load individual chapters for free at (use the search term: ócoastalô): http://www.publications.usace.army.mil/USACE-Publications/Engineer-Manuals/

****** ADDITIONAL TEXTS WILL BE DISCUSSED IN CLASS *******

## DATES TO NOTE

Refer to MyUNSW for Important Dates available at:

**https://student.unsw.edu.au/dates**

## PLAGIARISM

Beware! An assignment that includes plagiarised material will receive a 0% Fail, and students who plagiarise may fail the course. Students who plagiarise are also liable to disciplinary action, including exclusion from enrolment.

Plagiarism is the use of another personôs work or ideas as if they were your own. When it is necessary or desirable to use other peopleôs material you should adequately acknowledge whose words or ideas they are and where you found them (giving the complete reference details, including page number(s)). The Learning Centre provides further information on what constitutes Plagiarism at:

https://student.unsw.edu.au/plagiarism

## ACADEMIC ADVICE

(Formerly known as Common School Information)

For information about:

- Notes on assessments and plagiarism,
- School policy on Supplementary exams,
- Special Considerations: student.unsw.edu.au/special-consideration
- Solutions to Problems,
- Year Managers and Grievance Officer of Teaching and Learning Committee, and
- CEVSOC.

Refer to Academic Advice on the School website available at:

https://www.engineering.unsw.edu.au/civil-engineering/student-resources/policies-procedures-and-forms/academic-advice

Appendix A: Engineers Australia (EA) Competencies

| | Program Intended Learning Outcomes |
|---|---|
| PE1: Knowledge and Skill Base | |