COURSE DETAILS

Units of Credit	6		
Contact hours	4 hours per week		
Class	Monday	6pm to 8pm	**CE101**
	Thursday	6pm to 8pm	**CE101**
Lecturer	**Associate Professor Mario M. Attard**		
	Email: **m.attard@unsw.edu.au** CE 604		Phone: *+61 2 9385 5075*
Online Coordinator	**Dr. Xiaojun Chen**		
	Email: **Xiaojun.chen@unsw.edu.au** CE616		Phone: *+61 2 9385 4173*

INFORMATION ABOUT THE COURSE

Introduction to Prestressed Concrete:

Methods of Prestressing. Forces Imposed by Prestressing (Straight, Draped And Kinked Tendon ProfilesL2.1(i)Mm5Rn6

1.1. Comprehensive, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline.

1.2. Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline.

Self-centred and self-directed learning (expectations of the students):

In addition to the class problem sessions, you are expected to commit **6 - 8 hours per week** (1.5 hours for each hour of contact) to independent learning and general problem solving.

ASSESSMENT

Assessment will be based on **completion of online Moodle modules, one major assignment** and **a final exam**. These components will address problems consistent with those you are likely to face as a professional Civil/Environmental Engineer.

- The **online Moodle modules** are learning modules to help you learn the solution strategies for the major topics. The assessment is based on completion of the modules.
- The final exam is given because the course learning outcomes include a significant level of technical learning that can be effectively assessed in an exam environment and because exams have high reliability. It is primarily designed to align with UN