

GRADUATE CERTIFICATE IN STRUCTURAL ENGINEERING

AY2026/2027, SEMESTER 1A - PERIOD: 10 AUG 2026 TO 03 OCT 2026

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5010A	Finite Element Concepts & Applications	Prof Quek Ser Tong	Wednesday	E1-06-04	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5509A	Advanced Structural Steel Design	TBD	Monday	LT6	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5510A	Advanced Structural Concrete Design	Dr Kong Kian Hau	Tuesday	LT4	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5610A	Special Types of Concrete and Cementitious Material	Dr Geng Guoqing	Friday	UT-Aud 1	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE6077A	Numerical methods in Civil Engineering	A/Prof Poh Leong Hien	Thursday	SDE3-LT423	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

AY2026/2027, SEMESTER 1 - PERIOD: 10 AUG 2026 TO 05 DEC 2026

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5010B	Finite Element Analysis for Civil Engineering	Dr Cui Yue	Wednesday	E1-06-04	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5509B	Design of Composite Steel and Concrete Structures	Dr Yang Yi	Monday	LT6	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5510B	Rational Design of Structural Concrete Systems	Emeritus Prof Tan Kiang Hwee	Tuesday	LT4	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

Course Code	Course Title	Lead Instructor	Class Date	Class Venue	Class Time	Session	Lecture Duration (Hours)
CE5610B	Concrete Repair and Retrofitting of Structural Concrete	Dr Kong Kian Hau	Friday	UT-Aud 1	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20