

## GRADUATE CERTIFICATE IN STRUCTURAL ENGINEERING

AY2024/2025, SEMESTER 1A - PERIOD: 12 AUG 2024 TO 05 OCT 2024

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	E3-06-03	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	Dr Wang Tongyun	Monday	LT7A	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	SDE3-LT424	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	Thursday	LT2	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 / Dr Ooi Seng Keat	Friday	E1-06-01	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20

AY2024/2025, SEMESTER 1B - PERIOD: 07 OCT 2024 TO 07 DEC 2024

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	E3-06-03	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	Prof Richard Liew Jat-Yuen	Monday	LT7A	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	Prof Tan Kiang Hwee	Tuesday	SDE3-LT424	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	Thursday	LT2	18:00 - 21:00	Class	18
			TBA	TBA	TBA	Assessment	2
Total Duration							20