



ATENEO DE DAVAO UNIVERSITY
GRADUATE SCHOOL
Master of Engineering
Major in Civil Engineering
Revised 2008

Core Courses (24 units required)		Units
MEng 500	Operations Research	3
MEng 501	Numerical Methods with Matlab	3
MEng 502	Energy Management & Science and Technology Issues	3
MEng 503	Environmental Engineering & Management	3
MEng 504	Quality Time Management	3
MEng 505*	Research Methods & Industry Practice I	3
MEng 506**	Research Methods & Industry Practice II	3
Discipline Related Courses**** (12 units required)		
CE 700	Matrix Structural Analysis	3
CE 701	Design of Reinforced Concrete	3
CE 702	Design of Steel Structures	3
CE 703	Structural Dynamics with Earthquake Engineering	3
CE 704	Discrete Methods of Structural Analysis	3
CE 705	Structural Dynamics for Dynamic Effects	3
CE 706	Plastic Structure Analysis and Design	3
CE 707	Geotechnical Engineering (with laboratory)	3
CE 708	Transportation Engineering	3
CE 709	Materials Science and Testing (with laboratory)	3

* Must be enrolled after completing the required 16 units of core courses and at least 3 units of discipline related courses.

** Pre requisite of MEng 506 is MEng 505.

*** Additional subject for FAPE scholars

***** Depending on the topic for his/her thesis which is a requirement for MEng 506 (Research Methods & Industry Practice 2), the student has the prerogative to choose the subjects under the Discipline-Related Courses offering.

Summary

	Units
Core Courses	24
Discipline Related Courses	12
Total	36