Federation University

Enrolment Program Structure

Program Code – EY9.CIV
Program Name – Master of Engineering Technology (Civil Engineering)

First Year	Course Code	Course Name	Course Rules
Semester 1			
	ENGIN5302	Modelling and Simulation	**PR**: MATHS3001 or MATHS3040 and ENGIN2301 **EX**: ENCOR4050
	ENGIN3202	Geotechnical Engineering	**PR**: ENCIV2330 or ENGIN2204 **EX**: ENCIV3330
	ENGIN5201	Surface Water Hydrology	**PR**: ENGIN2201
	MREGC5001	Terotechnology and Life Cycle Costs	**EX**: ENMTX4050
Semester 2			
	ENGIN2002	Engineering Project Management and Sustainable Design	**PR**: ENCOR1005 or ENGIN1001 **EX**: ENMEC2121 and ENMTX2050
	ENGIN3001	Engineering Research Methodology and Management	**PR**: ENCOR1005 or ENGIN1001 **EX**: ENCOR4010 and ENMTX4060
	ENGIN3205	Road Engineering	**PR**: ENCIV3340 or ENGIN3203 **EX**: ENCIV3350
	ENGIN2203	Structural Analysis	**PR**:ENCOR2030 or ENGIN2301 **EX**: ENCIV2310

Second Year	Course Code	Course Name	Course Rules
Semester 1			
	ENGIN3201	Structural Design	**PR**: ENCIV2310 or ENGIN2203 **EX**: ENCIV3310
	ENGIN5002	Advanced Engineering Project 1	**PR**: ENGIN3001 or ENGIN5001 **EX**: ENCOR7020
	MGGGC7105	Slope Stability	
Semester 2			
	ENGIN4201	Management of Water Resources	**PR**: ENGGC3204 or ENGIN3206 **EX**: ENGGC4203
	ENGIN5003	Advanced Engineering Project 2	**PR**: ENGIN5002 **EX**: ENCOR7030
	ENGIN5202	Advanced Structural Analysis 1	**PR**: ENGIN3201

Additional Information

This program structure applies to all students.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a course/s that must be completed prior to undertaking another course.

CO: Co-requisite, a course/s that must be completed simultaneously, or prior to, undertaking another course.

EX: Exclusion, a course/s that may not be taken.