

ENMGT 201A Engineering Management

PART (1)

CLASS LESSON NOTES FOR BASIC CONCEPTS AT FOUNDATION/ADVANCED DIPLOMA LEVEL

In this subject you will learn the fundamentals of engineering management. You will develop foundation knowledge and skills relating to:

Foundation Engineering Management:

- Management past and present
- Management versus leadership
- Managing technology
- Management processes
- Management decision making / problem solving

Engineering in society:

- Role and social responsibilities of engineering
- Engineering ethics / professional practice
- Sustainability management
- Managing innovation
- Engineers in business
- People and organisations:
- Leadership
- Culture in organisations
- Human resource management
- Building interpersonal and communication skills
- Workplace health and safety
- Organisational structures

Managing projects:

- Project team dynamics
- Project lifecycle and phases
- Client management and contracts
- Project scoping and planning
- Project resources (human, financial, physical etc.)
- Project task analysis and budgeting
- Project task control
- Project finalisation

Study Guide EE07 & EE011

What to study		Which exercises to do		What practical to do	Resources		
Main study		Additional study	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		For EE07+EE011 +Video	Study Option (1) EE-07			Study Option (2) EE-07
UEENEEG069B Manage electrical projects UEENEEG070B Plan electrical projects UEENEEG024C Compile and produce an electrotechnology report	UEENEE015B Develop design briefs for electrotechnology projects UEENEEG169A Manage large electrical projects UEENEEG170A Plan large electrical projects UEENEE024A Compile and produce an energy sector detailed report	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip
2	http://www.filefactory.com/file/7e0lw2mcjqub/RiskManagement.pdf

	<p>http://www.filefactory.com/file/6am1c5uw8es3/Project_Management_Tutorial.zip http://www.filefactory.com/file/3jm574ws897h/G069_G070Part4.zip http://www.filefactory.com/file/4pz94d1q8ajr/G069_G070Part3.zip http://www.filefactory.com/file/2rmd3nr7tqj/G069_G070Part2.zip http://www.filefactory.com/file/45c8upnszkoh/G069_G070Part1.zip http://www.filefactory.com/file/25bz2p5akwe5/Estimating3.zip http://www.filefactory.com/file/74qq3040lk55/Estimating2.zip</p> <p>http://www.filefactory.com/file/4tsetlq3e28d/Estimating1.zip</p> <p>http://www.filefactory.com/file/3q1tcowjify3/E071UGCableSpecification_Wk9-10-11_.zip</p> <p>http://www.filefactory.com/file/9s6p0266u1d/E071TelecomDatacom_Wk12_.zip http://www.filefactory.com/file/6w07c6lmcgx9/E071Switching_Wk13_.zip http://www.filefactory.com/file/7gq5vgzz7lod/E071LVOverheadConductor_Wk4-5_.zip http://www.filefactory.com/file/424wnmucffvv/E071General_Wiring_Wk7-8_.zip http://www.filefactory.com/file/4g1lemfvvw0t/E071DesignStdOHDevelopment_Wk14-16_.zip http://www.filefactory.com/file/46wtgm29d7ub/E071DesiE071HVOverheadConductors_Wk2-3_.zip http://www.filefactory.com/file/31s0kyqjmrab/E024_ProjectInstruction.zip http://www.filefactory.com/file/2ity9z16kad9/Costing_Quotation.zip http://www.filefactory.com/file/fg5q8lpedej/1WiringInstallationDrawing.zip</p>
3	<p>http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip</p>
4	<p>http://www.filefactory.com/file/7e0lw2mcjgub/RiskManagement.pdf http://www.filefactory.com/file/6am1c5uw8es3/Project_Management_Tutorial.zip http://www.filefactory.com/file/3jm574ws897h/G069_G070Part4.zip http://www.filefactory.com/file/4pz94d1q8ajr/G069_G070Part3.zip http://www.filefactory.com/file/2rmd3nr7tqj/G069_G070Part2.zip http://www.filefactory.com/file/45c8upnszkoh/G069_G070Part1.zip http://www.filefactory.com/file/25bz2p5akwe5/Estimating3.zip http://www.filefactory.com/file/74qq3040lk55/Estimating2.zip</p> <p>http://www.filefactory.com/file/4tsetlq3e28d/Estimating1.zip</p> <p>http://www.filefactory.com/file/3q1tcowjify3/E071UGCableSpecification_Wk9-10-11_.zip http://www.filefactory.com/file/9s6p0266u1d/E071TelecomDatacom_Wk12_.zip http://www.filefactory.com/file/6w07c6lmcgx9/E071Switching_Wk13_.zip http://www.filefactory.com/file/7gq5vgzz7lod/E071LVOverheadConductor_Wk4-5_.zip http://www.filefactory.com/file/424wnmucffvv/E071General_Wiring_Wk7-8_.zip http://www.filefactory.com/file/4g1lemfvvw0t/E071DesignStdOHDevelopment_Wk14-16_.zip http://www.filefactory.com/file/46wtgm29d7ub/E071DesiE071HVOverheadConductors_Wk2-3_.zip http://www.filefactory.com/file/31s0kyqjmrab/E024_ProjectInstruction.zip</p>

	http://www.filefactory.com/file/2ity9z16kad9/Costing_Quotation.zip http://www.filefactory.com/file/fg5q8lpedej/1WiringInstallationDrawing.zip
5	Project Specifications+ Project Planning +Project Management (1) E071+G069+G070Part1.zip http://www.filefactory.com/file/cf91ac4/n/E071_G069_G070Part1.zip Project Specifications+ Project Planning +Project Management (2) E071+G069+G070Part2.zip
6	Click HERE to download the other exercises
7	EE07 & EE011 units mapping for Theory study & Exercises Project_Management_Tutorial.zip In Stage 4 Part 20.zip http://www.filefactory.com/file/c0cc9b4/n/Stage_4_Part_20.zip
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE01_1_pdf
9	EE07 & EE011 units mapping for Theory study & Exercises Project Management +Specification Delivery & Assessment Plan
10	<u>Power project 1.pdf</u> <u>Power project 2.pdf</u> <u>Projectplanning and management.zip</u>
11	BACK UP FOR 2, 4 9 & 10 Stage 4 Part 15.zip http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

E024_ProjectInstruction.zip

Stage 4 Part 14.zip

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

G069_G070Part1 G069_G070Part2 G069_G070Part3 G069_G070Part4

Stage 4 Part 15.zip

http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

[Projectspecification+planning+management+Risk+OHS.
G069+G070+E071+E011+E017.zip](#)

PART (2)
REFERENCE TEXT BOOKS & WEEKLY –LESSONS AT
ASSOCIATE DEGREE LEVEL (SELF STUDY)

TEXT BOOK- Textbooks can be copied from USBs & DVD.

BAE 508

BAE508 Wk 1

BAE508 Wk 2

BAE508 Wk 3

BAE508 References

BAE 605

BAE 605 Lessons

BAE 605 Assignment

Mgt 502+Mgt 503

Mgt 504 Advanced Project Management