

ENGINEERING ASSET MANAGEMENT

PROGRAMME STRUCTURE

LEVEL 1



SEMESTER 1

MENG 6700	Strategic Asset Management
MENG 6701	Asset Maintenance Technologies
MENG 6402	Human Resource Management I

SEMESTER 2

MENG 6702	Work Planning and Scheduling
MENG 6703	Condition Monitoring and Diagnostics
MENG 6706	Asset Reliability Management

All courses are 3 CREDITS

THE DEPARTMENT OF MECHANICAL
AND MANUFACTURING ENGINEERING

ENGINEERING ASSET MANAGEMENT

PROGRAMME STRUCTURE

LEVEL 2



SEMESTER 1

MENG 6705	Maintainability Engineering and Management
-----------	--

CHOOSE ANY 2 BELOW

MENG 6505	Health, Safety and the Environment
MENG 6708	Reliability Centered Maintenance
MENG 6506	Project Management

SEMESTER 2

MENG 6704	Maintenance Analysis and Optimisation
MENG 6508	Research Methods

CHOOSE ANY 1 BELOW

MENG 6707	Asset Performance Management
MENG 6405	Total Quality Management

All courses are 3 CREDITS

THE DEPARTMENT OF MECHANICAL
AND MANUFACTURING ENGINEERING

ENGINEERING ASSET MANAGEMENT

PROGRAMME STRUCTURE

LEVEL 2



FINAL PROJECT

MENG 6600	Final Project	9 CREDITS
-----------	---------------	-----------

ON SUCCESSFUL COMPLETION OF 12 COURSES STUDENTS ENGAGE THEIR FINAL PROJECT.

THE DEPARTMENT OF MECHANICAL
AND MANUFACTURING ENGINEERING

ENGINEERING MANAGEMENT

PROGRAMME STRUCTURE

LEVEL 1



SEMESTER 1

MENG 6301	Computer Applications in Manufacturing
MENG 6402	Human Resource Management I
MENG 6404	Maintenance Engineering and Management

SEMESTER 2

MENG 6300	Applied Ergonomics
MENG 6403	Human Resource Management II
MENG 6500	Industrial Marketing

All courses are 3 CREDITS

THE DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

ENGINEERING MANAGEMENT

PROGRAMME STRUCTURE

LEVEL 2



SEMESTER 1

MENG 6302	Design of Plant and Services
MENG 6509	Introduction to Operations Research

CHOOSE ANY 1 BELOW

MENG 6505	Health, Safety and the Environment
MENG 6506	Project Management

SEMESTER 2

MENG 6502	Financial Management
MENG 6508	Research Methods

CHOOSE ANY 1 BELOW

MENG 6202	Applied Materials Technology
MENG 6303	Computer Control Systems

All courses are 3 CREDITS

THE DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

ENGINEERING MANAGEMENT

PROGRAMME STRUCTURE

LEVEL 2



FINAL PROJECT

MENG 6600	Final Project	9 CREDITS
-----------	---------------	------------------

ON SUCCESSFUL COMPLETION OF 12 COURSES STUDENTS ENGAGE THEIR FINAL PROJECT.

THE DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING