

# 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

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## LEVEL 2



### SEMESTER 1

MENG 6705	Maintainability Engineering and Management
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**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**

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## LEVEL 2



### FINAL PROJECT

MENG 6600	Final Project	<b>9 CREDITS</b>
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**ON SUCCESSFUL COMPLETION OF 12 COURSES  
STUDENTS ENGAGE THEIR FINAL PROJECT.**

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### 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**

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## 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**

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### LEVEL 2



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