

MEng in Mechanical and Manufacturing Engineering

Course Short Code

CAMIM

Course Year

5

Course Offering: 01

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\*\*\*\* IMPORTANT MESSAGE \*\*\*\*

The purpose of this information sheet is to allow you view all modules connected to the Qualification, optional and core.

You should print this sheet out and then continue to the next step where your registration will take place.

It is your responsibility to ensure that you register correctly.

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**Students must select either the Major in Sustainable Systems or the Major in Simulation-driven Design when registering**

**\*For Major in Sustainable Systems and Energy - students take the following modules\***

Module Code	Module Title	Module Credits	Semester
MEC1051	Project Sustainable Systems & Energy	15	Semester 1 & 2
EEN1079	Energy System Decarbonisation	7.5	Semester 1
MEC1057	Research Practice & Methodology	7.5	Semester 2

MEC1058	Energy Auditing & Energy Management	7.5	Semester 1
MEC1071	Manufacturing Systems Simulation	7.5	Semester 1
MEC1059	Advanced Sustainable Energy Systems	7.5	Semester 2
MEC1060	Whole Life Cycle Analysis	7.5	Semester 2

**\*For Major in Simulation-Driven Design - students take the following Core modules\***

Module Code	Module Title	Module Credits	Semester
MEC1050	MEng Project	15	Semester 1 & 2
MEC1039	Finite Element Analysis	7.5	Semester 1
MEC1040	Heat & Mass Transfer	7.5	Semester 1
MEC1057	Research Practice & Methodology	7.5	Semester 2
MEC1071	Manufacturing Systems Simulation	7.5	Semester 1
MEC1056	Computational Thermo-Fluid Dynamics	7.5	Semester 2

**And select one of the following optional Modules**

Module Code	Module Title	Module Credits	Semester
MEC1054	Advanced FEA	7.5	Semester 2
MEC1061	Turbomachinery	7.5	Semester 2