

Dear ME Mechanical Student,

It is my pleasure as coordinator of the ME Mechanical Engineering degree programme to welcome you to UCD for the 2017-2018 academic year. I would like to draw your attention to the following information sessions that will take place on the afternoon of Tuesday 12th September 2017. I would encourage you to attend the session that is relevant to you.

Year 1 ME Mechanical Engineering - 3.00pm - Room 206

Year 2 ME Mechanical Engineering - 3.45pm - Room 206

In the interim in order to facilitate you with your registration process I would like to draw your attention to the following information for year 1 and year 2 students.

There are a number of useful resources available on the UCD web site:

1. [Engineering and Architecture Programme Office: Information for Engineering Students](#)

Internal student progressing from stage 3 to stage 4 engineering science should click on Year 4 and then under Engineering Science click on [NMS2 Mechanical Engineering stream](#)

External students or students entering year 2 should click on Masters of Engineering and then click on ME Mechanical Engineering. You will get access to the following links

- [ME Mechanical Engineering Curriculum details](#)
- [ME Mechanical Engineering Registration Structure](#)
- [ME Mechanical 2017 2-Yr Short Placement](#)
- [ME Mechanical 2017 2-Yr Long Placement](#)

2. [Course Finder ME Mechanical Engineering](#)

FAO YEAR 1 ME MECHANICAL ENGINEERING STUDENTS

[This includes new entrants (external) 2017/18 and Stage 4 Engineering Science students (internal) 2017/18]

In order to facilitate you with online registration I would like to draw your attention to the following links provided relating to the ME Mechanical Engineering programme.

Long Placement: [ME Mechanical 2017 2-Yr Long Placement](#)

Short Placement: [ME Mechanical 2017 2-Yr Short Placement](#)

You will notice in this document that there are a number of modules marked as core (C) and a number of modules marked as optional (O). All modules marked as core (C) MUST be taken at some point during the programme.

All students (internal and external entry) please note the following:

If you have not done so I would strongly recommend that you proceed to register for the

following modules. There is however some flexibility in this selection and I will discuss this with you at our meeting forthcoming meeting.

Year 1 - Semester 1 - 30 credits

MEEN40010 - Engineering Thermodynamics III (5 credits)

MEEN40020 - Mechanics of Fluids II (5 credits)

MEEN40030 - Manufacturing Engineering II (5 credits)

MEEN40050 - Computational Continuum Mechanics I (5 credits)

MEEN40060 - Fracture Mechanics (5 credits)

MEEN40170 - Mechanics of Solids III (5 credits)

Year 1 - Semester 2 - 30 Credits

MEEN40720 - Professional Work Experience (30 credits)

I do not recommend that you register for MEEN40150 Computational Continuum Mechanics II or MEEN40560 Research Skills and Techniques until year 2 of your programme. It is also advisable to take the module MEEN40700 Research Thesis in year 2 rather than in year 1.

FAO YEAR 2 ME MECHANICAL ENGINEERING STUDENTS

[This includes new entrants who completed year 1 in 2016/17 and students who completed Stage 4 Engineering Science in 2016/17 (internal)]

I would like to draw your attention yet again to the following documents:

Long Placement: [ME Mechanical 2017 2-Yr Long Placement](#)

Short Placement: [ME Mechanical 2017 2-Yr Short Placement](#)

Please note that all modules marked core must be taken prior to the completion of your degree programme. Obviously, the particular modules that you will register for in year 2 will depend on what you have taken in year 1. However, assuming that you will have followed closely the selection that I have indicated above for year 1, your registration will most likely be along the following lines:

Year 2 - Year long module

MEEN40700 - Research Thesis (25 credits)

Year 2 - Semester 1

MEEN40150 - Computational Continuum Mechanics II (5 credits)

MEEN40560 - Research Skills and Techniques (5 credits)

Year 2 - Semester 2

MEEN40190 - Mechanics of Fluids III (5 credits)

MEEN40430 - Professional Engineering Management (5 credits)

You must register for one of the following options (5 credits)

EEEN40010 Control Theory (Semester 1) or CHEN30140 Process Instrumentation (Semester 2)

You must register for two further modules of your choice (2 x 5 credits) chosen from the optional modules list or any additional core modules not taken in year 1.

I look forward to meeting with you to discuss the matter further on Tuesday 12th September. In the interim if you have any further questions please do not hesitate to contact me by email (malachy.orourke@ucd.ie).

Regards,

Malachy O'Rourke
Programme Coordinator