

# School of Engineering – Visiting Student Module Choices 2022-2023

Please Note: **\*\* All modules may be subject to change and capacity restrictions \*\***  
**\*\* Eligibility to enrol on modules may be determined based on prerequisite knowledge \*\***

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Module Name and Code	ECTS credits	Semester	Module Descriptor	Module coordinator(s)
Junior Freshman Engineering and Engineering with Management – Year 1 modules Timetables and Module Descriptors available here: Engineering: <a href="https://www.tcd.ie/Engineering/undergraduate/bai/year-1/">https://www.tcd.ie/Engineering/undergraduate/bai/year-1/</a> ; Engineering with Management: <a href="https://www.tcd.ie/Engineering/undergraduate/engineering-management/year-1/">https://www.tcd.ie/Engineering/undergraduate/engineering-management/year-1/</a>				
Introduction to Manufacturing MEU11EM1	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/jf/MEU11EM1.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/jf/MEU11EM1.pdf</a>	Assistant Prof. Rocco Lupoi: <a href="mailto:lupoir@tcd.ie">lupoir@tcd.ie</a>
Engineering Materials and their Applications EEU11E12	10	Semester 1		Associate Prof. Roger P. West: <a href="mailto:rwest@tcd.ie">rwest@tcd.ie</a>
Introduction to Professional Engineering MEU11E08	5	Semester 1	<a href="#">MEU11E08.pdf (tcd.ie)</a>	Prof. David Taylor: <a href="mailto:dtaylor@tcd.ie">dtaylor@tcd.ie</a> Prof. Brian Broderick: <a href="mailto:bbrodrck@tcd.ie">bbrodrck@tcd.ie</a> Prof. Khurshid Ahmad: <a href="mailto:khurshid.ahmad@scss.tcd.ie">khurshid.ahmad@scss.tcd.ie</a> Assistant Prof. Enda Bates: <a href="mailto:ebates@tcd.ie">ebates@tcd.ie</a>
Experimental Methods and Data Centric Engineering MEU11E14	5	Semester 1		Assistant Prof. John Kennedy: <a href="mailto:jkenned5@tcd.ie">jkenned5@tcd.ie</a>
Mechanics CEU11E07		Semester 2		
Computer Engineering I CSU11E03	5	Semester 2	<a href="#">CSU11E03.pdf (tcd.ie)</a>	Assistant Prof. Lucy Hederman: <a href="mailto:Lucy.Hederman@tcd.ie">Lucy.Hederman@tcd.ie</a>
Electrical Engineering EEU11E06	5	Semester 2	<a href="#">EEU11E06.pdf (tcd.ie)</a>	Associate Prof. Naomi Harte: <a href="mailto:nharte@tcd.ie">nharte@tcd.ie</a>

Engineering Design I: Graphics and CAE CEU11E09	5	Semester 2	<a href="#">CEU11E09.pdf (tcd.ie)</a>	Assistant Prof. Bidisha Ghosh: <a href="mailto:bghosh@tcd.ie">bghosh@tcd.ie</a>
Senior Freshman Engineering and Engineering with Management – Year 2 modules Timetables and Module Descriptors available here: Engineering: <a href="https://www.tcd.ie/Engineering/undergraduate/bai/year-2/">https://www.tcd.ie/Engineering/undergraduate/bai/year-2/</a> ; Engineering with Management: <a href="https://www.tcd.ie/Engineering/undergraduate/engineering-management/year-2/">https://www.tcd.ie/Engineering/undergraduate/engineering-management/year-2/</a>				
Engineering Mathematics III MAU22E01	5	Semester 1	<a href="#">MAU22E01.pdf (tcd.ie)</a>	Prof. Dmitri Zaitsev: <a href="mailto:zaitsev@maths.tcd.ie">zaitsev@maths.tcd.ie</a>
Finance MEU22EM2	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/sf/MEU22EM2.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/sf/MEU22EM2.pdf</a>	Prof. Kevin Kelly: <a href="mailto:kevin.kelly@tcd.ie">kevin.kelly@tcd.ie</a> Iseult O'Donnell: <a href="mailto:iodonnel@tcd.ie">iodonnel@tcd.ie</a>
Design I MEU22EM3	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/sf/MEU22EM3.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/sf/MEU22EM3.pdf</a>	Assistant Prof. Conor McGinn: <a href="mailto:c.mcgin@tcd.ie">c.mcgin@tcd.ie</a>
3D Computer Aided Design MEU23B10	5	Semester 1	<a href="#">MEU23B10.pdf (tcd.ie)</a>	Assistant Prof. Daniel Trimble: <a href="mailto:dtrimble@tcd.ie">dtrimble@tcd.ie</a>
Electronics EEU22E06	5	Semester 1	<a href="#">EEU22E06.pdf (tcd.ie)</a>	Assistant Prof. Justin King: <a href="mailto:justin.king@tcd.ie">justin.king@tcd.ie</a> Assistant Prof. Shreejith Shanker: <a href="mailto:shankers@tcd.ie">shankers@tcd.ie</a>
Engineering and the Environment CEU22E07	5	Semester 1	<a href="#">CEU22E07.pdf (tcd.ie)</a>	Associate Prof. Sarah McCormack: <a href="mailto:mccorms1@tcd.ie">mccorms1@tcd.ie</a> Prof. Laurence Gill: <a href="mailto:laurence.gill@tcd.ie">laurence.gill@tcd.ie</a> Assistant Prof. Liwen Xiao: <a href="mailto:liwen.xiao@tcd.ie">liwen.xiao@tcd.ie</a>
Computer Engineering II CSU22E03	5	Semester 1	<a href="#">CSU22E03.pdf (tcd.ie)</a>	Dr. Mike Brady

Solids and Structures CEU22E04	5	Semester 1	<a href="#">CEU22E04.pdf (tcd.ie)</a>	Prof. Alan O'Connor: <a href="mailto:alan.oconnor@tcd.ie">alan.oconnor@tcd.ie</a> Assistant Prof. Julie Clarke: <a href="mailto:julie.clarke@tcd.ie">julie.clarke@tcd.ie</a>
Engineering design III: Project CEU22E09	5	Semester 1	<a href="#">CEU22E09.pdf (tcd.ie)</a>	Tom Grey: <a href="mailto:tom.grey@tcd.ie">tom.grey@tcd.ie</a>
Engineering Mathematics IV MAU22E02	5	Semester 2	<a href="#">MAU22E02.pdf (tcd.ie)</a>	Dr. Anthony Brown: <a href="mailto:anthony.brown@ucd.ie">anthony.brown@ucd.ie</a>
Thermo-fluids MEU22E05	5	Semester 2	<a href="#">MEU22E05.pdf (tcd.ie)</a>	Prof. Seamus O'Shaughnessy: <a href="mailto:OSHAUGSE@tcd.ie">OSHAUGSE@tcd.ie</a>
Computational Science and Engineering EEU22E12	5	Semester 2		Prof. Anil Kokaram: <a href="mailto:anil.kokaram@tcd.ie">anil.kokaram@tcd.ie</a>
Engineering design IV: Project EEU22E10	10	Semester 2	<a href="#">EEU22E10.pdf (tcd.ie)</a>	Prof. Harun Siljak: <a href="mailto:Harun.siljak@tcd.ie">Harun.siljak@tcd.ie</a> Assistant Prof. Glenn Strong: <a href="mailto:glenn.strong@tcd.ie">glenn.strong@tcd.ie</a>

Junior Sophister Engineering and Engineering with Management – Year 3 modules

Timetables and Module Descriptors available here:

Engineering: <https://www.tcd.ie/Engineering/undergraduate/bai/year-3/>; Engineering with Management: <https://www.tcd.ie/Engineering/undergraduate/engineering-management/year3/>

Core modules

Engineering Mathematics V MAU33E01	5	Semester 1	<a href="#">MAU33E01.pdf (tcd.ie)</a>	Dr. Joe O'Hogain: <a href="mailto:johog@maths.tcd.ie">johog@maths.tcd.ie</a>
Probability and Statistics EEU33E03	5	Semester 1	<a href="#">EEU33E032122 (tcd.ie)</a>	Associate Prof. Anthony Quinn: <a href="mailto:aquinn@tcd.ie">aquinn@tcd.ie</a>

Mechanical & Manufacturing Engineering				
Thermodynamics MEU33B01	5	Semester 2	<a href="#">MEU33B01.pdf (tcd.ie)</a>	Prof. Tony Robinson: <a href="mailto:arobins@tcd.ie">arobins@tcd.ie</a>
Signals and Systems EEU33C01	5	Semester 1	<a href="#">EEU33C01_2021-22 (tcd.ie)</a>	Prof. W. Dowling: <a href="mailto:wdowling@tcd.ie">wdowling@tcd.ie</a>
Fluid Mechanics MEU33B02	5	Semester 1	<a href="#">MEU33B02.pdf (tcd.ie)</a>	Prof. Craig Meskell: <a href="mailto:cmeskell@tcd.ie">cmeskell@tcd.ie</a>
Mechanical Engineering Materials MEU33B04	5	Semester 1	<a href="#">MEU33B04.pdf (tcd.ie)</a>	Associate Prof. Kevin O'Kelly: <a href="mailto:okellyk@tcd.ie">okellyk@tcd.ie</a>
3D Computer Aided Design MEU23B10	5	Semester 1	<a href="#">MEU23B10.pdf (tcd.ie)</a>	Assistant Prof. Daniel Trimble: <a href="mailto:dtrimble@tcd.ie">dtrimble@tcd.ie</a>
Universal Design Innovation MEU33B10	5	Semester 1		Associate Prof. Gareth Bennett: <a href="mailto:gareth.bennett@tcd.ie">gareth.bennett@tcd.ie</a>
Mechanics of Solids MEU33B03	5	Semester 2	<a href="#">MEU33B03.pdf (tcd.ie)</a>	Assistant Prof. Mark Ahearne: <a href="mailto:ahearnm@tcd.ie">ahearnm@tcd.ie</a>
Mechanics of Machines MEU33B05	5	Semester 2	<a href="#">MEU33B05.pdf (tcd.ie)</a>	Prof. Ciaran Simms: <a href="mailto:csimms@tcd.ie">csimms@tcd.ie</a>
Manufacturing Technology and Systems MEU33B07	5	Semester 2	<a href="#">MEU33B07.pdf (tcd.ie)</a>	Assistant Prof. Daniel Trimble: <a href="mailto:dtrimble@tcd.ie">dtrimble@tcd.ie</a>

Civil, Structural and Environmental Engineering				
Structural Design CEU33A02	5	Semester 1	<a href="#">CEU33A02.pdf (tcd.ie)</a>	Prof. Brian Broderick: <a href="mailto:bbrodrck@tcd.ie">bbrodrck@tcd.ie</a>
Soil Mechanics CEU33A05	5	Semester 1	<a href="#">CEU33A05.pdf (tcd.ie)</a>	Associate Prof. Brendan O'Kelly: <a href="mailto:bokelly@tcd.ie">bokelly@tcd.ie</a>
Transportation and Highway Engineering CEU33A07	5	Semester 1	<a href="#">CEU33A07.pdf (tcd.ie)</a>	Prof. Margaret O'Mahony: <a href="mailto:margaret.omahony@tcd.ie">margaret.omahony@tcd.ie</a>
Civil Engineering Design Challenge CEU33A12	10	Semester 1		Prof. Margaret O'Mahony: <a href="mailto:margaret.omahony@tcd.ie">margaret.omahony@tcd.ie</a>
Geology for Engineers CEU33A08	5	Semester 2	<a href="#">CEU33A08.pdf (tcd.ie)</a>	Prof. Sean McClenaghan: <a href="mailto:mcclens@tcd.ie">mcclens@tcd.ie</a> Assistant Prof. David O'Connell: <a href="mailto:david.oconnell@tcd.ie">david.oconnell@tcd.ie</a>
Surveying and Geo-spatial Planning CEU33A10	5	Semester 2		Prof. John Gallagher: <a href="mailto:j.gallagher@tcd.ie">j.gallagher@tcd.ie</a>
Fluids and Environment CEU33A11	5	Semester 2		Prof. Aonghus McNabola: <a href="mailto:amcnabol@tcd.ie">amcnabol@tcd.ie</a>
Structural Analysis CEU33A04	5	Semester 2	<a href="#">CEU33A04.pdf (tcd.ie)</a>	Associate Prof. Dermot O'Dwyer: <a href="mailto:dwodwyer@tcd.ie">dwodwyer@tcd.ie</a>
Electronic / Computer Engineering				
Signals and Systems EEU33C01	5	Semester 1	<a href="#">EEU33C01_2021-22 (tcd.ie)</a>	Prof. W. Dowling: <a href="mailto:wdowling@tcd.ie">wdowling@tcd.ie</a>
Microprocessor Systems I CSU33D01	5	Semester 1	<a href="#">CSU33D01 – Microprocessor Systems – Teaching and Learning (tcd.ie)</a>	Prof. John Waldron: <a href="mailto:john.waldron@tcd.ie">john.waldron@tcd.ie</a>

Data Structures and Algorithms CSU33D05	5	Semester 1	<a href="#">CSU33D05 – Data Structures and Algorithms – Teaching and Learning (tcd.ie)</a>	Assistant Prof. Melanie Bouroche: <a href="mailto:bourocm@tcd.ie">bourocm@tcd.ie</a>
Digital Circuits EEU33C02	5	Semester 1	<a href="#">EEU33C02.pdf (tcd.ie)</a>	Dr. Declan O'Loughlin: <a href="mailto:d.oloughlin@tcd.ie">d.oloughlin@tcd.ie</a>
Analogue Circuits EEU33C03	5	Semester 2	<a href="#">EEU33C03.pdf (tcd.ie)</a>	Adjunct Assistant Prof. Cedric Assamba
Digital Systems Design EEU33C07	5	Semester 2	<a href="#">EEU33C07.pdf (tcd.ie)</a>	Assistant Prof. Shreejith Shanker: <a href="mailto:shankers@tcd.ie">shankers@tcd.ie</a>
Telecommunications EEU33C05	5	Semester 2	<a href="#">EEU33C05 module descriptor 2021_22 (tcd.ie)</a>	Dr. Aleksandra Kaszubowska-Anandarajah: <a href="mailto:anandara@tcd.ie">anandara@tcd.ie</a>
Microprocessor Systems II CSU23021	5	Semester 2	<a href="#">CSU23021 – Microprocessor Systems – Teaching and Learning (tcd.ie)</a>	Dr. Ross Brennan: <a href="mailto:brennaro@tcd.ie">brennaro@tcd.ie</a>
Computer Networks CSU33D03	5	Semester 2	<a href="#">CSU33D03 – Computer Networks – Teaching and Learning (tcd.ie)</a>	Prof. Ciarán Mc Goldrick: <a href="mailto:CMCGLDRK@tcd.ie">CMCGLDRK@tcd.ie</a>
Operating Systems and Concurrent Systems CSU23016	5	Semester 2	<a href="#">CSU23016 – Concurrent Systems and Operating Systems – Teaching and Learning (tcd.ie)</a>	Dr. Andrew Butterfield: <a href="mailto:andrew.butterfield@tcd.ie">andrew.butterfield@tcd.ie</a>
Software Design and Implementation CSU33D06	5	Semester 2	<a href="#">CSU33D06 – Software Design Analysis – Teaching and Learning (tcd.ie)</a>	Assistant Prof. Stephen Barrett: <a href="mailto:Stephen.Barrett@tcd.ie">Stephen.Barrett@tcd.ie</a>
Digital Circuits Design EEU33C08	5	Semester 2	<a href="#">EEU33C08.pdf (tcd.ie)</a>	Mr. Eugene O'Rourke: <a href="mailto:euorourk@tcd.ie">euorourk@tcd.ie</a>
Analogue Circuit Design EEU33C09	5	Semester 2	<a href="#">EEU33C09.pdf (tcd.ie)</a>	Assistant Prof. Justin King: <a href="mailto:justin.king@tcd.ie">justin.king@tcd.ie</a>

## Biomedical Engineering

## Engineering with Management

Senior Sophister Engineering and Engineering with Management – Year 4 modules

Timetables and Module Descriptors available here:

Engineering: <https://www.tcd.ie/Engineering/undergraduate/bai/year-4/>; Engineering with Management: <https://www.tcd.ie/Engineering/undergraduate/engineering-management/year-4/>

## Core modules

Management for Engineers CEU44E01	5	Semester 1	<a href="#">CEU44E01.pdf (tcd.ie)</a>	Prof. Niamh Harty: <a href="mailto:niamh.harty@tcd.ie">niamh.harty@tcd.ie</a>
Mechanical & Manufacturing Engineering				
Research Methods MEU44E03	5	Semester 1	<a href="#">MEU44E03.pdf (tcd.ie)</a>	Assistant Prof. John Kennedy: <a href="mailto:jkenned5@tcd.ie">jkenned5@tcd.ie</a> Associate Prof. Gareth Bennett: <a href="mailto:gareth.bennett@tcd.ie">gareth.bennett@tcd.ie</a>
Heat Transfer MEU44B04	5	Semester 1	<a href="#">MEU44B04.pdf (tcd.ie)</a>	Assistant Prof. Tim Persoons: <a href="mailto:tim.persoons@tcd.ie">tim.persoons@tcd.ie</a>
Computer Aided Design MEU44B07	5	Semester 1	<a href="#">MEU44B07.pdf (tcd.ie)</a>	Assistant Prof. Tim Persoons: <a href="mailto:tim.persoons@tcd.ie">tim.persoons@tcd.ie</a>
Fluid Mechanics 2 MEU44B13	5	Semester 1	<a href="#">MEU44B13.pdf (tcd.ie)</a>	Prof. Craig Meskell: <a href="mailto:cmeskell@tcd.ie">cmeskell@tcd.ie</a>
Multibody Dynamics MEU44B17	5	Semester 1	<a href="#">MEU44B17.pdf (tcd.ie)</a>	Prof. Ciaran Simms: <a href="mailto:csimms@tcd.ie">csimms@tcd.ie</a>
Mechanics of Solids MEU44B01	5	Semester 2	<a href="#">MEU44B01.pdf (tcd.ie)</a>	Assistant Prof. Mark Ahearne: <a href="mailto:ahearnm@tcd.ie">ahearnm@tcd.ie</a>



Forensic Materials Engineering MEU44B02	5	Semester 2	<a href="#">MEU44B02.pdf (tcd.ie)</a>	Prof. David Taylor: <a href="mailto:dtaylor@tcd.ie">dtaylor@tcd.ie</a>
Manufacturing Technology MEU44B05	5	Semester 2	<a href="#">MEU44B05.pdf (tcd.ie)</a>	Assistant Prof. Daniel Trimble: <a href="mailto:dtrimble@tcd.ie">dtrimble@tcd.ie</a>
Manufacturing Systems and Project Management MEU44B06	5	Semester 2	<a href="#">MEU44B06.pdf (tcd.ie)</a>	Assistant Prof. Shuo Yin: <a href="mailto:yins@tcd.ie">yins@tcd.ie</a> Prof. Garret O Donnell: <a href="mailto:Garret.ODonnell@tcd.ie">Garret.ODonnell@tcd.ie</a>
Control Engineering 1 MEU44B10	5	Semester 2	<a href="#">MEU44B10.pdf (tcd.ie)</a>	Assistant Prof. Dermot Geraghty: <a href="mailto:tgerghy@tcd.ie">tgerghy@tcd.ie</a>
Turbomachinery MEU44B10	5	Semester 2	<a href="#">MEU44B10.pdf (tcd.ie)</a>	Prof. Stephen Spence <a href="mailto:spences@tcd.ie">spences@tcd.ie</a>
Digital Image and Video Processing EEU44C08	5	Semester 2	<a href="#">EEU44C08.pdf (tcd.ie)</a>	Prof. François Pitié: <a href="mailto:pitief@tcd.ie">pitief@tcd.ie</a>
Engineering Vibration and Noise MEU44B14	5	Semester 2		Assistant Prof. John Kennedy: <a href="mailto:jkenned5@tcd.ie">jkenned5@tcd.ie</a>
Introduction to Autonomous Mobile Robotics MEU44B12	5	Semester 2	<a href="#">MEU44B12.pdf (tcd.ie)</a>	Assistant Prof. Conor McGinn: <a href="mailto:c.mcgin@tcd.ie">c.mcgin@tcd.ie</a>
Manufacturing Technology I MEU33B07	5	Semester 2	<a href="#">MEU33B07.pdf (tcd.ie)</a>	Assistant Prof. Daniel Trimble: <a href="mailto:dtrimble@tcd.ie">dtrimble@tcd.ie</a>

Civil, Structural and Environmental Engineering				
Research Methods CEU44E03	5	Semester 1	<a href="#">CEU44E03.pdf (tcd.ie)</a>	Assistant Prof. David O'Connell: <a href="mailto:david.oconnell@tcd.ie">david.oconnell@tcd.ie</a>
Environmental Engineering CEU44A031	5	Semester 1	<a href="#">CEU44A031.pdf (tcd.ie)</a>	Prof. Laurence Gill: <a href="mailto:laurence.gill@tcd.ie">laurence.gill@tcd.ie</a> Prof. Brian Broderick: <a href="mailto:bbrodrck@tcd.ie">bbrodrck@tcd.ie</a>
Hydraulics CEU44A04	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/CEU44A04.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/CEU44A04.pdf</a>	Prof. Aonghus McNabola: <a href="mailto:amcnabol@tcd.ie">amcnabol@tcd.ie</a>
Geotechnical Engineering CEU44A51	5	Semester 1	<a href="#">CEU44A51.pdf (tcd.ie)</a>	Assistant Prof. David Igoe: <a href="mailto:igoed@tcd.ie">igoed@tcd.ie</a>
Structures 1 CEU44A61	5	Semester 1	<a href="#">CEU44A61.pdf (tcd.ie)</a>	Prof. Brian Broderick: <a href="mailto:bbrodrck@tcd.ie">bbrodrck@tcd.ie</a>
Civil Engineering Materials CEU44A01	5	Semester 2	<a href="#">CEU44A01.pdf (tcd.ie)</a>	Prof. Sara Pavia: <a href="mailto:PAVIAS@tcd.ie">PAVIAS@tcd.ie</a>
Hydrogeology and Engineering Geology CEU44A02	5	Semester 2	<a href="#">CEU44A02.pdf (tcd.ie)</a>	Assistant Prof. David O'Connell: <a href="mailto:david.oconnell@tcd.ie">david.oconnell@tcd.ie</a> Dr. Rosanne Walker: <a href="mailto:WALKERRO@tcd.ie">WALKERRO@tcd.ie</a>
Structures 2: Advanced Design of Structures CEU44A62	5	Semester 2	<a href="#">CEU44A62.pdf (tcd.ie)</a>	Prof. Alan O'Connor: <a href="mailto:alan.oconnor@tcd.ie">alan.oconnor@tcd.ie</a>
Transportation CEU44A08	5	Semester 2	<a href="#">CEU44A08.pdf (tcd.ie)</a>	Prof. Brian Caulfield: <a href="mailto:brian.caulfield@tcd.ie">brian.caulfield@tcd.ie</a>

Electronic / Computer Engineering				
Research Methods EEU44E03	5	Semester 1	<a href="#">Microsoft Word - EE4E3 New Template.docx (tcd.ie)</a>	Timothy Savage: <a href="mailto:TSAVAGE@tcd.ie">TSAVAGE@tcd.ie</a> Assistant Prof. Enda Bates: <a href="mailto:ebates@tcd.ie">ebates@tcd.ie</a>
Computer Architecture II CSU22021	5	Semester 1		Michael Manzke: <a href="mailto:Michael.Manzke@tcd.ie">Michael.Manzke@tcd.ie</a>
Next Generation Networks EEU44C04	5	Semester 1	<a href="#">EEU44C04.pdf (tcd.ie)</a>	Prof. Marco Ruffini: <a href="mailto:Marco.Ruffini@tcd.ie">Marco.Ruffini@tcd.ie</a> Prof. Nicola Marchetti: <a href="mailto:nicola.marchetti@tcd.ie">nicola.marchetti@tcd.ie</a>
Digital Signal Processing EEU44C05	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C05.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C05.pdf</a>	Prof. W. Dowling: <a href="mailto:wdowling@tcd.ie">wdowling@tcd.ie</a>
Self-Organizing Systems EEU44C07	5	Semester 1	<a href="#">EEU45C07.pdf (tcd.ie)</a>	Prof. Nicola Marchetti: <a href="mailto:nicola.marchetti@tcd.ie">nicola.marchetti@tcd.ie</a>
Deep Learning and its Applications EEU44C16	10	Semester 1	<a href="#">EEU44C16.pdf (tcd.ie)</a>	Prof. François Pitié: <a href="mailto:pitief@tcd.ie">pitief@tcd.ie</a>
Information Management II CSU22041	5	Semester 1	<a href="#">CSU22041 – Information Management I – Teaching and Learning (tcd.ie)</a>	Assistant Prof. Gaye Stephens: <a href="mailto:gaye.stephens@tcd.ie">gaye.stephens@tcd.ie</a>
Computer Architecture II CSU34021	5	Semester 1	<a href="#">CSU34021 – Computer Architecture II – Teaching and Learning (tcd.ie)</a>	
Computer Graphics CSU44052	5	Semester 1	<a href="#">CSU44052 – Computer Graphics – Teaching and Learning (tcd.ie)</a>	Associate Prof. Rachel McDonnell: <a href="mailto:ramcdonn@tcd.ie">ramcdonn@tcd.ie</a> Prof. Carol O'Sullivan: <a href="mailto:carol.osullivan@tcd.ie">carol.osullivan@tcd.ie</a>
Computer Vision CSU44053	5	Semester 1	<a href="#">CSU44053 – Computer Vision – Teaching and Learning (tcd.ie)</a>	Dr. Kenneth Dawson Howe: <a href="mailto:kenneth.dawson-howe@tcd.ie">kenneth.dawson-howe@tcd.ie</a>
Integrated Systems Design EEU44C01	5	Semester 1	<a href="#">EEU44C01.pdf (tcd.ie)</a>	Assistant Prof. Shreejith Shanker: <a href="mailto:shankers@tcd.ie">shankers@tcd.ie</a>

Microelectronic Circuits EEU44C02	5	Semester 2	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C02.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C02.pdf</a>	Assistant Prof. Justin King: <a href="mailto:justin.king@tcd.ie">justin.king@tcd.ie</a>
Control Engineering MEU44B09	5	Semester 2	<a href="#">MEU44B09.pdf (tcd.ie)</a>	Assistant Prof. Dermot Geraghty: <a href="mailto:tgergthy@tcd.ie">tgergthy@tcd.ie</a>
Digital Image and Video Processing EEU44C08	5	Semester 2	<a href="#">EEU44C08.pdf (tcd.ie)</a>	Prof. François Pitié: <a href="mailto:pitief@tcd.ie">pitief@tcd.ie</a>
Open Reconfigurable Networks EEU44C21	5	Semester 2	<a href="#">EEU44C21.pdf (tcd.ie)</a>	Prof. Marco Ruffini: <a href="mailto:Marco.Ruffini@tcd.ie">Marco.Ruffini@tcd.ie</a> Assistant Prof. Shreejith Shanker: <a href="mailto:shankers@tcd.ie">shankers@tcd.ie</a>
Knowledge Engineering CSU44D02	5	Semester 2	<a href="#">CSU44D02 – Knowledge Engineering – Teaching and Learning (tcd.ie)</a>	Prof. Owen Conlan: <a href="mailto:Owen.Conlan@scss.tcd.ie">Owen.Conlan@scss.tcd.ie</a>
<b>Biomedical Engineering</b>				
Experimental and Research Methods MEU44BM4	5	Semester 1	<a href="#">MEU44BM4.pdf (tcd.ie)</a>	Associate Prof. David Hoey: <a href="mailto:dahoey@tcd.ie">dahoey@tcd.ie</a>
Biomechanics MEU44BM5	5	Semester 1	<a href="#">MEU44BM5.pdf (tcd.ie)</a>	Associate Prof. David Hoey: <a href="mailto:dahoey@tcd.ie">dahoey@tcd.ie</a>
Biomaterials MEU44BM6	5	Semester 1	<a href="#">MEU44BM6.pdf (tcd.ie)</a>	Prof. Michael Monaghan: <a href="mailto:monaghmi@tcd.ie">monaghmi@tcd.ie</a>
<b>Engineering with Management</b>				
Supply Chain Management MEU44EM3	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/MEU44EM3.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/MEU44EM3.pdf</a>	Prof. Garret O Donnell: <a href="mailto:Garret.ODonnell@tcd.ie">Garret.ODonnell@tcd.ie</a>

User Centred Design Innovation MEU44EM9	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/MEU44EM9.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/MEU44EM9.pdf</a>	Prof. Kevin Kelly: <a href="mailto:kevin.kelly@tcd.ie">kevin.kelly@tcd.ie</a>
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MAI Engineering and Engineering with Management – Year 5 modules Timetables and Module Descriptors available here: Engineering: <a href="https://www.tcd.ie/Engineering/undergraduate/bai/year-5/">https://www.tcd.ie/Engineering/undergraduate/bai/year-5/</a> ; Engineering with Management: <a href="https://www.tcd.ie/Engineering/undergraduate/engineering-management/year-5/">https://www.tcd.ie/Engineering/undergraduate/engineering-management/year-5/</a>				
Mechanical & Manufacturing Engineering				
Innovation in Product Development ME5E3	15	Semesters 1 and 2		Prof. Kevin Kelly ( <a href="mailto:kevin.kelly@tcd.ie">kevin.kelly@tcd.ie</a> )
Advanced Thermal Fluid Sciences ME5B03	10	Semester 2	<a href="#">ME5B03.pdf (tcd.ie)</a>	Prof. Anthony Robinson: <a href="mailto:arobins@tcd.ie">arobins@tcd.ie</a>
Control Engineering II ME5B09	5	Semester 1	<a href="#">ME5B09.pdf (tcd.ie)</a>	Assistant Prof. Dermot Geraghty: <a href="mailto:tgergthy@tcd.ie">tgergthy@tcd.ie</a>
Instrumentation and Experimental Techniques ME5B10	5	Semester 2	<a href="#">ME5B10.pdf (tcd.ie)</a>	Assistant Prof. Dermot Geraghty: <a href="mailto:tgergthy@tcd.ie">tgergthy@tcd.ie</a>
Introduction to Computational Fluid Mechanics ME5E4	5	Semester 1	<a href="#">ME5E4.pdf (tcd.ie)</a>	Ussher Assistant Prof. Séamus O'Shaughnessy: <a href="mailto:oshaugse@tcd.ie">oshaugse@tcd.ie</a>
Low Carbon Transport Technology MEP55B15	10	Semester 1 & 2		Prof. Charles Stuart <a href="mailto:stuartch@tcd.ie">stuartch@tcd.ie</a>
Low Carbon Power Technology MEP55B16	10	Semester 1 & 2		Prof. Stephen Spence <a href="mailto:spences@tcd.ie">spences@tcd.ie</a>

Civil, Structural and Environmental Engineering				
Façade Engineering CE7C04	5	Semester 1	<a href="#">CE7C04.pdf (tcd.ie)</a>	Prof. Patrick Shiel: <a href="mailto:shielp@tcd.ie">shielp@tcd.ie</a>
Air Pollution: Monitoring, Assessment & Control CEP5E03	5	Semester 1		Prof. John Gallagher: <a href="mailto:j.gallagher@tcd.ie">j.gallagher@tcd.ie</a>
Solar Energy Conversions and Applications CE7J02	5	Semester 1	<a href="#">CE7J02.pdf (tcd.ie)</a>	Associate Prof. Sarah McCormack: <a href="mailto:mccorms1@tcd.ie">mccorms1@tcd.ie</a>
Energy Policy and Demand CE7J04	5	Semester 1	<a href="#">CE7J04.pdf (tcd.ie)</a>	Associate Prof. Sarah McCormack: <a href="mailto:mccorms1@tcd.ie">mccorms1@tcd.ie</a>
Sustainable Water Supply and Sanitation CE7E07	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7E07.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7E07.pdf</a>	Prof. Laurence Gill: <a href="mailto:laurence.gill@tcd.ie">laurence.gill@tcd.ie</a>
Geotechnical Engineering CE7S01	5	Semester 1	<a href="#">CE7S01.pdf (tcd.ie)</a>	Associate Prof. Brendan O'Kelly: <a href="mailto:bokelly@tcd.ie">bokelly@tcd.ie</a>
Advanced Computation for Structures CE7S02	5	Semester 1	<a href="#">CE7S02.pdf (tcd.ie)</a>	Associate Prof. Dermot O'Dwyer: <a href="mailto:dwodwyer@tcd.ie">dwodwyer@tcd.ie</a>
Wind and Earthquake Engineering CE7S03	5	Semester 1	<a href="#">CE7S03.pdf (tcd.ie)</a>	Prof. Brian Broderick: <a href="mailto:bbrodrck@tcd.ie">bbrodrck@tcd.ie</a>
Transportation Policy CE7T01	5	Semester 1	<a href="#">CE7T01.pdf (tcd.ie)</a>	Assistant Prof. Bidisha Ghosh: <a href="mailto:bghosh@tcd.ie">bghosh@tcd.ie</a>
Transport Modelling and Planning CE7T02	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7T02.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7T02.pdf</a>	Prof. Brian Caulfield: <a href="mailto:Brian.Caulfield@tcd.ie">Brian.Caulfield@tcd.ie</a>

Waste Management and Energy Recovery CE7E04	5	Semester 2	<a href="#">CE7E04.pdf (tcd.ie)</a>	Assistant Prof. Liwen Xiao: <a href="mailto:liwen.xiao@tcd.ie">liwen.xiao@tcd.ie</a>
Water Quality and Hydrological Modelling CE7E05	5	Semester 2	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7E05.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7E05.pdf</a>	Prof. Laurence Gill: <a href="mailto:laurence.gill@tcd.ie">laurence.gill@tcd.ie</a> Assistant Prof. Liwen Xiao: <a href="mailto:liwen.xiao@tcd.ie">liwen.xiao@tcd.ie</a> Assistant Prof. David O'Connell: <a href="mailto:david.oconnell@tcd.ie">david.oconnell@tcd.ie</a>
Water Resource Planning and Climate Change CE7E06	5	Semester 2	<a href="#">CE7E06.pdf (tcd.ie)</a>	Assistant Prof. David O'Connell: <a href="mailto:david.oconnell@tcd.ie">david.oconnell@tcd.ie</a>
Wind Energy CE7J01	5	Semester 2	<a href="#">CE7J01.pdf (tcd.ie)</a>	Assistant Prof. Breiffni Fitzgerald: <a href="mailto:fitzgeb7@tcd.ie">fitzgeb7@tcd.ie</a>
Wave and Hydro Energy CE7J06	5	Semester 2	<a href="#">CE7J06.pdf (tcd.ie)</a>	Prof. Biswajit Basu: <a href="mailto:basub@tcd.ie">basub@tcd.ie</a>
Bridge Engineering CE7S04	5	Semester 2	<a href="#">CE7S04.pdf (tcd.ie)</a>	Prof. Alan O'Connor: <a href="mailto:alan.oconnor@tcd.ie">alan.oconnor@tcd.ie</a>
Advanced Concrete Technology CE7S05	5	Semester 2	<a href="#">CE7S05.pdf (tcd.ie)</a>	Associate Prof. Roger P. West: <a href="mailto:rwest@tcd.ie">rwest@tcd.ie</a>
Soil Structure Interaction CE7S06	5	Semester 2	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7S06.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/CE7S06.pdf</a>	Assistant Prof. David Igoe: <a href="mailto:igoed@tcd.ie">igoed@tcd.ie</a>
Transportation Data and Evaluation CE7T04	5	Semester 2	<a href="#">CE7T04.pdf (tcd.ie)</a>	Assistant Prof. Bidisha Ghosh: <a href="mailto:bghosh@tcd.ie">bghosh@tcd.ie</a>
Transport Design CE7T05	5	Semester 2	<a href="#">CE7T05.pdf (tcd.ie)</a>	Prof. Margaret O'Mahony: <a href="mailto:margaret.omahony@tcd.ie">margaret.omahony@tcd.ie</a>

Electronic / Computer Engineering				
Statistical Signal Processing EEP5C03	10	Semester 1	<a href="#">EEP5C03 STATISTICAL SIGNAL PROCESSING2122 (tcd.ie)</a>	Associate Prof. Anthony Quinn: <a href="mailto:aquinn@tcd.ie">aquinn@tcd.ie</a>
Self-Organizing Systems EEP5C07	5	Semester 1	<a href="#">EEP5C07.pdf (tcd.ie)</a>	Prof. Nicola Marchetti: <a href="mailto:nicola.marchetti@tcd.ie">nicola.marchetti@tcd.ie</a>
Deep Learning and its Applications EE5C16	10	Semester 1	<a href="#">EEP5C16.pdf (tcd.ie)</a>	Prof. François Pitié: <a href="mailto:pitief@tcd.ie">pitief@tcd.ie</a>
Audio Engineering EEPMMT07	5	Semester 1	<a href="#">EEPMMT07.pdf (tcd.ie)</a>	Prof. Jimmy Eadie: <a href="mailto:eadiejj@tcd.ie">eadiejj@tcd.ie</a>
Computation for Transport Engineering EEP5C23	5	Semester 1	<a href="https://www.tcd.ie/eleceng/postgraduate/MSc/modules/Computation%20for%20Transportation%20Engineering.pdf">https://www.tcd.ie/eleceng/postgraduate/MSc/modules/Computation%20for%20Transportation%20Engineering.pdf</a>	Prof. Biswajit Basu: <a href="mailto:BASUB@tcd.ie">BASUB@tcd.ie</a>
Integrated Systems Design EE5M01 / EEU44C01	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C01.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C01.pdf</a>	Assistant Prof. Shreejith Shanker: <a href="mailto:shankers@tcd.ie">shankers@tcd.ie</a>
Computational Methods EEP5C22	10	Semester 1 & 2	<a href="#">EEP5C22</a>	Prof. Anil Kokaram: <a href="mailto:Anil.kokaram@tcd.ie">Anil.kokaram@tcd.ie</a>
Spatial Audio EEMT17	5	Semester 2	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/EEMT17.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/EEMT17.pdf</a>	Assistant Prof. Enda Bates: <a href="mailto:ebates@tcd.ie">ebates@tcd.ie</a>
Motion Picture Engineering EE5C01	10	Semester 2	<a href="#">EEP5C01.pdf (tcd.ie)</a>	Prof. Anil Kokaram: <a href="mailto:Anil.kokaram@tcd.ie">Anil.kokaram@tcd.ie</a>
Introduction to XR: Applications and Technologies EEMT21	5	Semester 2	<a href="https://www.tcd.ie/eleceng/mmt/postgraduate/modules/EE/MT21IntroToXR.pdf">https://www.tcd.ie/eleceng/mmt/postgraduate/modules/EE/MT21IntroToXR.pdf</a>	Dr. Fionnuala Conway: <a href="mailto:conwayfi@tcd.ie">conwayfi@tcd.ie</a>
Algorithms for Quantum Computing EEP5C25	5	Semester 2	<a href="https://www.tcd.ie/eleceng/postgraduate/MSc/modules/Algorithms%20for%20Quantum%20Computing.pdf">https://www.tcd.ie/eleceng/postgraduate/MSc/modules/Algorithms%20for%20Quantum%20Computing.pdf</a>	Prof. Biswajit Basu: <a href="mailto:BASUB@tcd.ie">BASUB@tcd.ie</a>



Simulations for Geophysical Modelling EEP55C24	5	Semester 2	<a href="https://www.tcd.ie/eleceng/postgraduate/MSc/modules/Simulations%20for%20Geophysical%20Modeling.pdf">https://www.tcd.ie/eleceng/postgraduate/MSc/modules/Simulations%20for%20Geophysical%20Modeling.pdf</a>	Prof. Biswajit Basu: <a href="mailto:BASUB@tcd.ie">BASUB@tcd.ie</a>
Microelectronics EE5M02 / 4C2	5	Semester 2	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C02.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C02.pdf</a>	Dr. Declan O'Loughlin: <a href="mailto:d.oloughlin@tcd.ie">d.oloughlin@tcd.ie</a>
Image and Video Processing EEP55M08 / 4C8	5	Semester 2	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C08.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/ss/EEU44C08.pdf</a>	Prof. François Pitié: <a href="mailto:pitief@tcd.ie">pitief@tcd.ie</a>
<b>Biomedical Engineering</b>				
Medical Device Design Fundamentals MEP56BM9	5	Semester 1	<a href="#">MEP56BM9.pdf (tcd.ie)</a>	Associate Prof. Bruce Murphy: <a href="mailto:murphb17@tcd.ie">murphb17@tcd.ie</a>
Tissue Engineering ME5BIO3	5	Semester 1	<a href="#">ME5BIO3.pdf (tcd.ie)</a>	Prof. Daniel Kelly: <a href="mailto:kellyd9@tcd.ie">kellyd9@tcd.ie</a>
Advanced Medical Imaging ME5BIO7	5	Semester 2	<a href="#">ME5BIO7 .pdf (tcd.ie)</a>	Prof. Michael Monaghan: <a href="mailto:monaghmi@tcd.ie">monaghmi@tcd.ie</a>
Active Implanted Devices and Systems MEP55BM8	10	Semester 2	<a href="#">MEU55BM8.pdf (tcd.ie)</a>	Prof. Alejandro Lopez Valdes: <a href="mailto:alejandro.lopez@tcd.ie">alejandro.lopez@tcd.ie</a>
<b>Engineering with Management</b>				
Supply Chain Management ME5MM3	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/ME5MM3.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/ME5MM3.pdf</a>	Prof. Garret O'Donnell: <a href="mailto:Garret.ODonnell@tcd.ie">Garret.ODonnell@tcd.ie</a>
Risk Management and Safety Assessment Systems ME5MM7	5	Semester 1	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/ME5MM7.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/ME5MM7.pdf</a>	Prof. Garret O'Donnell: <a href="mailto:Garret.ODonnell@tcd.ie">Garret.ODonnell@tcd.ie</a> Associate Prof. Kevin O'Kelly: <a href="mailto:okellyk@tcd.ie">okellyk@tcd.ie</a> Dr. Chiara Leva: <a href="mailto:Levac@tcd.ie">Levac@tcd.ie</a>
Additive Manufacturing and Laser Processing ME5MM1	5	Semester 2	<a href="https://www.tcd.ie/Engineering/assets/module-descriptors/mai/ME5MM1.pdf">https://www.tcd.ie/Engineering/assets/module-descriptors/mai/ME5MM1.pdf</a>	Assistant Prof. Rocco Lupoi: <a href="mailto:lupoir@tcd.ie">lupoir@tcd.ie</a> Dr. Amir Pakdel: <a href="mailto:pakdela@tcd.ie">pakdela@tcd.ie</a>

