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**YEAR 5 MAI, 2019/20 - MECHANICAL AND MANUFACTURING ENGINEERING**

Date of issue: 19th September, 2019

First semester:
- 5B9 [CLT]
- 5E4 [AP2.03]
- 5E2 [CLT/ECAL]
- 5E4 [PC LAB]

Second semester:
- 5B3 [CLT]
- 5B3 [M17]
- 5B2 [SPSR] (weeks 22, 27, 31)
- 5B10 [CLT]

TUESDAY:
- 5E4 [CLT]
- 5E3 [RAIL/PBSR1]

THURSDAY:
- 5B9 [CLT]
- 5E2 [CLT]
- 5E3 [CLT]

FRIDAY:
- 5PE3 [CLT]
- 5B10 [CLT]
- 5E2 [CLT]
- 5B10 [CLT]
- 5E3 [RAIL/PBSR1]

Note: The timetable includes courses such as Introduction to Manufacturing, Mechanics of Materials, Control Systems, and more, scheduled in various blocks throughout the week.
Module codes:

**Mandatory Modules**
- SE1 = 5E1 Engineering Research Project (25 credits)
- SE2 = ME5E2/MEU4E03 = Research Methods (5 credits)

**Optional Modules (Choose 30 credits)**
- SB1 = ME5B01 Flow Induced Vibration and Fluid Structure Interaction (5 credits) - **4B13 is a pre-requisite**
- SB3 = ME5B03 Advanced Thermal Fluid Sciences (10 credits) - **4B3, 4B4 and 4B13 are pre-requisites**
- SB9 = ME5B09 Control Engineering II (5 credits)
- SB10 = ME5B10 Instrumentation and Experimental Techniques (5 credits)
- SE4 = ME5E4 Introduction to Computational Fluid Mechanics (5 credits)
- SE3 = ME5E3 Innovation in Product Development (15 credits) - **APM509 User Centred Design is a co-requisite**
- SMEMS1 = ME5MM1/MEU4EM5 Advanced Manufacturing II - Additive Manufacturing and Laser Processing (5 credits) - **4B5 is a pre-requisite**
- SMEMS3 = ME5MM3/MEU4EM3 Supply Chain Management (5 credits)
- SMEMS7 = ME5MM7 Risk Management and Safety Assessment Systems (5 credits)
- J1 = CE7J01 Wind Energy (5 credits)
- J4 = CE7J04 Energy Policy and Demand (5 credits)
- J6 = CE7J06 Wave and Hydro Energy (5 credits)
- T1 = CE7J01 Transportation (5 credits)

**Venues**
- 1008 = Edmund Burke Theatre, Arts Building
- 2043 = Thomas Davis Theatre, Arts Building
- 3074 = Lecture Room 3074, Arts Building
- AP2.03 = Lecture Room 2.03, Aras an Phiarasag
- CEDR = Civil Engineering Demonstrating Room, First Floor, Simon Perry Building
- CLT = Crossland Lecture Theatre, Parsons Building
- DO = Drawing Office, Museum Building
- ECAL = ECAL Laboratory, First Floor, Parsons Building
- GOLDHALL = Goldsmith Hall, Pearse Street
- HAM1 = Salmon Theatre, Hamilton Building
- HAM2 = Synge Theatre, Hamilton Building
- HAM3 = MacNeill Theatre, Hamilton Building
- M17 = Museum 17, 1st Floor, Museum Building
- M20 = Museum 20, 1st Floor, Museum Building
- M21 = Museum 21, 1st Floor, Museum Building
- LB04 = Lecture Theatre 04, Lower Ground Flr, Lloyd Institute
- LB0B = Lecture Theatre 08, Lower Ground Flr, Lloyd Institute
- PBSR1/2/3 = Seminar Room 1/2/3, Parsons Building
- PC LAB = PC Laboratory, Ground Floor, Parsons Building
- RAIL = RAIL (formerly Design Loft), Top Floor, Parsons Building
- SPSR = Simon Perry Seminar Room, 3rd Floor, Simon Perry Building

**Draft examination dates (to be confirmed):**

**Semester 1 examinations:** Monday, 9th December, 2019 to Friday, 13th December, 2019*

(**Contingency Days: December 16, 17, 2019 (Monday, Tuesday)**

**Semester 2 examinations:** Monday, 27th April, 2020 to Saturday, 2nd May, 2020**

(**Contingency Days: April 23, 24, 25, 2020**

**Supplemental examinations:** August 31, September 1, 2, 3, 4, 2020 (Monday - Friday)**

(**Contingency Days: August 24, 25, 26, 27 and 28, 2020**

**Semester dates:**
- First semester: Monday, 9th September, 2019 to Friday, 29th November, 2019
- Second semester: Monday, 20th January, 2020 to Friday, 10th April, 2020

**Project/Assignment Weeks:**
- First semester: Monday, 21st October 2019 to Friday, 25th October 2019
- Second semester: Monday, 2nd March 2020 to Friday, 6th March 2020