

| 3BSE4         | 2025-26 Energy Systems Engineering                                          |                                                        |                                                                                          |                                                                                       |                                                                                                        | Semester 1                                                                                             |
|---------------|-----------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Time          | Monday                                                                      |                                                        | Tuesday                                                                                  | Wednesday                                                                             | Thursday                                                                                               | Friday                                                                                                 |
| 09:00 - 10:00 | Fluid Dynamics<br>ME301<br>Weeks 3 - 6                                      | Thermodynamics & Heat Transfer<br>ME322<br>Weeks 4 - 8 | Thermodynamics & Heat Transfer<br>ME322<br>Fottrell Theatre AMB200<br>Dr. Nathan Quinlan |                                                                                       |                                                                                                        | Linear Control Systems<br>EE352<br>ENG-G017<br>Dr. Maeve Duffy                                         |
| 10:00 - 11:00 | ENG-G024<br>Hydraulics Lab<br>Dr Mingming Tong                              | ENG-G011<br>Thermodynamics Lab<br>Dr. Nathan Quinlan   |                                                                                          |                                                                                       |                                                                                                        |                                                                                                        |
| 11:00 - 12:00 | Electromechanical Power Conversion<br>EE3101<br>ENG-G017<br>Dr. Maeve Duffy |                                                        |                                                                                          | Linear Control Systems<br>EE352<br>ENG-G017<br>Dr. Maeve Duffy                        |                                                                                                        | Energy Systems<br>Electrical Design Project<br>EE3125<br>ENG-3036<br>Dr. Maeve Duffy<br>Selected Dates |
| 12:00 - 13:00 |                                                                             |                                                        |                                                                                          | Introduction to Energy<br>Systems Engineering<br>Wednesday 24th<br>September<br>MY129 |                                                                                                        | Energy Systems<br>Electrical Design Project<br>EE3125<br>ENG-3036                                      |
| 13:00 - 14:00 |                                                                             |                                                        | Linear Control Systems<br>EE352<br>ENG-G017<br>Dr. Maeve Duffy                           | Thermodynamics & Heat<br>Transfer<br>ME322<br>MY243<br>Dr. Nathan Quinlan             | Fluid Dynamics<br>ME301<br>ENG-G018<br>Dr. Mingming Tong                                               | Fluid Dynamics<br>ME301<br>HBB-G019<br>Dr. Mingming Tong                                               |
| 14:00 - 15:00 | Fluid Dynamics<br>ME301<br>Kirwan<br>Dr. Mingming Tong                      |                                                        | Fluid Dynamics<br>ME301<br>Weeks 3- 6                                                    | Thermodynamics & Heat Transfer<br>ME322<br>Weeks 4-8                                  | Linear Control Systems<br>EE352                                                                        |                                                                                                        |
| 15:00 - 16:00 |                                                                             |                                                        | ENG-G024<br>Hydraulics Lab<br>Dr. Mingming Tong                                          | ENG-G011<br>Thermodynamics Lab<br>Dr. Nathan Quinlan                                  | Machines Control Lab<br>ENG-G017<br>Dr. Maeve Duffy<br><br>doesn't run every week -<br>tbc by lecturer |                                                                                                        |
| 16:00 - 17:00 | Sustainable Energy<br>CE343<br>ENG-G017                                     |                                                        |                                                                                          |                                                                                       | Electromechanical<br>Power Conversion<br>EE3101<br>HBB - G019<br>Dr. Maeve Duffy                       |                                                                                                        |
| 17:00 - 18:00 |                                                                             |                                                        | Sustainable Energy<br>CE343<br>ENG-G017                                                  |                                                                                       | Thermodynamics & Heat Transfer<br>ME322<br>Fottrell Theatre<br>AMB200                                  |                                                                                                        |

Lecture  
 Tutorial  
 PC Lab  
 Physical Lab  
 Once off Talk

Takes place Wednesday 24th. September