|  |  |  |  |
| --- | --- | --- | --- |
| Student name |  | e-mail |  |
| Student number |  |  |  |

## OBLIGATORY FOR ALL ME MSc TRACKS:

|  |  |  |
| --- | --- | --- |
| Course code | Course name | EC |
| ME46000 | Nonlinear Mechanics | 4 |
| ME46006 | Physics for Mechanical Engineers | 4 |
| ME46007 | Measurement Technology | 3 |
|  | subtotal | 11 |

## SOCIAL COURSES – select at least 3 and not more than 6 EC in total

Choose from the list of pre-approved social courses available in the study guide

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  | subtotal |  |

## RECOMMENDED FOR ALL ME TRACKS - EFPT students MUST take ME45001 and ME45042

|  |  |  |
| --- | --- | --- |
| ME45001 | Advanced Heat Transfer | 4 |
| ME45042 | Advanced Fluid Dynamics | 5 |
| SC42001 | Control System Design | 5 |
| ME44210 | Drive & Energy Systems | 3 |
| ME41106 | Intelligent Vehicles | 5 |
| subtotal | |  |

**OBLIGATORY FOR EFPT**

|  |  |  |
| --- | --- | --- |
| ME45160 | Advanced Applied Thermodynamics | 5 |
| ME45165 | Equipment for Heat & Mass Transfer | 5 |
| subtotal | | 10 |

**RECOMMENDED FOR EFPT**  **- choose at least 10 EC**

|  |  |  |
| --- | --- | --- |
| ME45030 | Turbulence | 5 |
| ME45155 | Modelling of Thermo- & Hydrodynamic Systems | 5 |
| ME45135 | Process Plant Design | 5 |
| ME45070 | Advanced Reaction & Separation Systems | 5 |
| subtotal | |  |

**ELECTIVES FOR EFPT**

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| subtotal | |  |
| Total of all courses (must be at least 60 EC) | |  |

## ASSIGNMENTS Internship/JIP and Literature Survey-Graduation Project Choose either ME55015 or TUD4040

|  |  |  |
| --- | --- | --- |
| ME55010-20 | Literature Survey ME-EFPT | 10 |
| ME55015 | Research Assignment ME-EFPT | 15 |
| TUD4040 | Joint Interdisciplinary Project | 15 |
| ME55035 | MSc Thesis ME-EFPT | 35 |
| Total of all assignments | | 60 |

|  |  |  |
| --- | --- | --- |
| Sum of courses + assignments |  | ≥ 120 EC |

|  |  |  |  |
| --- | --- | --- | --- |
| Brian Tighe |  | Date: |  |

Signature Master coordinator: Signature student: Examination board:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Please sign this form and send it as a PDF to SPET-3mE@tudelft**  (keep a copy for your own records)

last updated 9/9/2021