*Practical Guide*

*for students of the Master Engineering Systems*



**September 2024**
*(updated version OCT24)*

# Contents

# INTRODUCTION

Dear student,

A warm welcome to the HAN Master Engineering Systems! In this guide we have gathered practicalities you need for your degree programme at the HAN.

'Translation of research into products' is the focus of the programme, meeting the demands of industry as well as other research institutions that are active in applied research and product development in the engineering area. There is a significant demand for goal-oriented professionals who can translate research into market and society-relevant products. During the course you will gain the skills and knowledge to plan and carry out research/development projects that contribute to the development of products. Scientific knowledge and skills, project management and communication skills are trained during the programme.

The programme is designed to allow (experienced) technicians to combine their current work with their studies. By working on realistic assignments and case studies in the programme, students and employers benefit directly and tangibly in professional practice. Additionally, the programme helps future technicians to enhance their qualifications. Graduates are well-prepared to serve as a crucial link between technicians and (scientific) management, and across various departments.

Students and alumni describe the master programme as high-quality, contemporary, and tailor-made to kick-start their careers. The 2020 accreditation score, in which the master programme was evaluated in terms of aims, content, organization, staff, facilities, quality assurance and results, underscore this description. This means that at every level, from lecturers and educational staff to the programme manager, there is a commitment to providing the best education possible. Students are encouraged to participate actively, ensuring their voices are heard and their education is continuously improved.

Naturally, any organization requires some rules and regulations. In the Degree Statute (on OnderwijsOnline, see page 11), you will find extensive information about the setup of your degree programme.

In the following pages, you will find all the practical information you need about the programme. We are eager to hear your feedback on this practical guide. Suggestions for improvement are always welcome! Do not hesitate to send your suggestions and comments to educationoffice.tm@han.nl or meet us in person (contact details can be found on page 13).

We wish you the best of luck with your studies!

Lecturers and staff Master Engineering Systems

# HOW IS THE DEGREE PROGRAMME STRUCTURED / WHICH MODULES?

The programme is thematically organized into so-called modules. In each module learning outcomes concerning knowledge, applying knowledge, the ability to make choices and your professional skills are examined.

Your master's programme consists of five modules, each with a distinct focus. The modules "Systems Modelling" and "Applied Control" (both 15 EC) and the "Major Project" module (30 EC) are mandatory for all students.

The table below outlines the structure of the elective modules available in each track. You can choose two modules, totalling 30 credits. It is not necessary to select these from a single study track, as various combinations are possible. However, some combinations may not be feasible, for instance when the timetable for classes shows that they are scheduled on the same day of the week.

| Tracks | Elective modules |
|---|---|
| **AS**<br>*Automotive Systems* | Advanced Vehicle Dynamics<br>Hydrogen Technology<br>Innovations in Powertrains<br>Intelligent Mobility |
| **CPS**<br>*Cyber-Physical Systems* | Advanced Vehicle Dynamics<br>Big Data & Small Data<br>Embedded Control |
| **SE**<br>*Sustainable Energy* | Hydrogen technology<br>Big Data & Small Data<br>Reliable Electricity Hubs |

# WHEN DO WE OFFER THE MODULES?

**The modules are offered according to the following scheme for your 1st and 2nd Semester:**

| Semester August - January | | | | |
|---|---|---|---|---|
| Monday | Tuesday | Wednesday | Thursday | Friday |
| Systems Modelling<br><br>Big Data & Small Data | Advanced Vehicle Dynamics<br><br>Reliable Electricity Hubs | Applied Control | Innovations in Powertrains | Mathematics |
| | | Electives: Guest lectures | | |

| Semester February - July | | | | |
|---|---|---|---|---|
| Monday | Tuesday | Wednesday | Thursday | Friday |
| Big Data & Small Data | Advanced Vehicle Dynamics<br><br>Reliable Electricity Hubs | Applied Control<br><br>Hydrogen Technology | Intelligent Mobility<br><br>Innovations in Powertrains<br><br>Embedded Control | Mathematics |
| | | Electives: Guest lectures | | |

# SCHEDULES / TIMETABLES

## General
Each academic year consists of two semesters, with each semester divided into two terms. Each term consists of lectures followed by an exam week after eight weeks. The MES timetable for 2024-2025 can be found on the next page.

## Your timetable each term
A useful tool (MyX (MyXedule)) for viewing your weekly timetable can be found on HAN Insite.
https://www1.han.nl/insite/en/students/timetables-lecture-times-academic-calendar/ /
https://han.myx.nl/roster/overview/schedule/mine

Period **01** 09:00 – 09:45
Period **02** 09:45 – 10:30
Period **03** 10:45 – 11:30
Period **04** 11:30 – 12:15
Period **05** 12:15 – 13:00

Period **06** 13:00 – 13:45          **Start lessons**
Period **07** 13:45 – 14:30
Period **08** 14:30 – 15:15
Period **09** 15:30 – 16:15

Period **10** 16:15 – 17:00          Pause
Period **11** 17:00 – 17:45          Pause

Period **12** 17:45 – 18:30
Period **13** 18:30 – 19:15
Period **14** 19:15 – 20:00
Period **15** 20:00 – 20:45

Period **16** 20:45 – 21:30

| MES Timetable Academic Year 2024-2025 | | | | | | |
|---|---|---|---|---|---|---|
| Week | Date - Monday | Sem. Term | Lectures Exams | Other | Major Project report hand in and defences | Exam board meetings |
| **2024** | | | | | | |
| 35 | 26/Aug/24 | 0 | Re-Exams | Introduction new MES students | Defences: August 27-30 | August 29 |
| 36 | 02/Sep/24 | 1.1 | Lectures | | Hand in: September 4 | |
| 37 | 09/Sep/24 | 1.2 | Lectures | | | |
| 38 | 16/Sep/24 | 1.3 | Lectures | Info session Degree Statute | | |
| 39 | 23/Sep/24 | 1.4 | Lectures | Info session Major Project | Defences: September 24-25 | September 24 |
| 40 | 30/Sep/24 | 1.5 | Lectures | | Hand in: October 2 | |
| 41 | 07/Oct/24 | 1.6 | Lectures | Master Degree Ceremony: October 11 | | |
| 42 | 14/Oct/24 | 1.7 | Lectures | Info session Elective Modules | | |
| 43 | 21/Oct/24 | | | Autumn holidays | | |
| 44 | 28/Oct/24 | 1.8 | Lectures | | Defences: October 29-30 | October 29 |
| 45 | 04/Nov/24 | 1.9 | Exams | | Hand in: November 6 | |
| 46 | 11/Nov/24 | 2.1 | Lectures | | | |
| 47 | 18/Nov/24 | 2.2 | Lectures | | | |
| 48 | 25/Nov/24 | 2.3 | Lectures | | Defences: November 26-27 Hand in: November 27 | November 26 |
| 49 | 02/Dec/24 | 2.4 | Lectures | Reviews exams term 1.9 | | |
| 50 | 09/Dec/24 | 2.5 | Lectures | | | |
| 51 | 16/Dec/24 | 2.6 | Lectures | | Defences: December 17-18 | December 17 |
| 52 | 23/Dec/24 | | | Christmas Holidays | | |
| 01 | 30/Dec/24 | | | Christmas Holidays | | |
| **2025** | | | | | | |
| 02 | 06/Jan/25 | 2.7 | Lectures | | Hand in: January 8 | |
| 03 | 13/Jan/25 | 2.8 | Lectures | | | |
| 04 | 20/Jan/25 | 2.9 | Exams | | | |
| 05 | 27/Jan/25 | 2.10 | Exams | | Defences: January 28-29 Hand in: January 29 | January 28 |
| 06 | 03/Feb/25 | 3.1 | Lectures | Info session Major Project | | |
| 07 | 10/Feb/25 | 3.2 | Lectures | | | |
| 08 | 17/Feb/25 | 3.3 | Lectures | Reviews exams term 2.9 | Defences: February 18-19 | February 18 |
| 09 | 24/Feb/25 | 3.4 | Lectures | | Hand in: February 26 | |
| 10 | 03/Mar/25 | | | Spring Holidays | | |
| 11 | 10/Mar/25 | 3.5 | Lectures | Master Degree Ceremony: March 14 | | |
| 12 | 17/Mar/25 | 3.6 | Lectures | | | |
| 13 | 24/Mar/25 | 3.7 | Lectures | Info session Elective Modules PT | Defences: March 25-26 | March 25 |
| 14 | 31/Mar/25 | 3.8 | Lectures | | Hand in: April 2 | |

| 15 | 07/Apr/25 | 3.9 | Exams | | | |
|---|---|---|---|---|---|---|
| 16 | 14/Apr/25 | 4.1 | Lectures | Good Friday: April 18 | | |
| 17 | 21/Apr/25 | 4.2 | Lectures | Easter Monday: April 21 | Defences: April 22-23 | April 22 |
| 18 | 28/Apr/25 | | | May Holidays | | |
| 19 | 05/May/25 | 4.3 | Lectures | Info session Major Project<br>Liberation Day: May 5 | Hand in: May 7 | |
| 20 | 12/May/25 | 4.4 | Lectures | Reviews exams term 3.9 | | |
| 21 | 19/May/25 | 4.5 | Lectures | | | |
| 22 | 26/May/25 | 4.6 | Lectures | Ascension Day: May 29-30 | Defences: May 27-28 | May 26 |
| 23 | 02/Jun/25 | 4.7 | Lectures | | Hand in: June 4 | |
| 24 | 09/Jun/25 | 4.8 | Lectures | Pentecost Monday: June 9 | | |
| 25 | 16/Jun/25 | 4.9 | Exams | | | |
| 26 | 23/Jun/25 | 4.10 | Exams | | Defences: June 24-25 | |
| 27 | 30/Jun/25 | 4.11 | Exams | | | July 1 |
| 28 | 07/Jul/25 | 4.12 | Exams | Reviews exams term 4.9<br>Master Degree Ceremony: July 11 | | |
| 29 | 14/Jul/25 | | | Summer Holidays | | |
| 30 | 21/Jul/25 | | | Summer Holidays | | |
| 31 | 28/Jul/25 | | | Summer Holidays | | |
| 32 | 04/Aug/25 | | | Summer Holidays | | |
| 33 | 11/Aug/25 | | | Summer Holidays | | |
| 34 | 18/Aug/25 | 0 | Re-Exams | | Hand in: August 18 | |
| 35 | 25/Aug/25 | 0 | Re-Exams | Introduction new students | Defences: August 26–29 | August 26 |
| 36 | 01/Sep/25 | 1.1 | Lectures | | | |

# EXAMS

**Exam opportunities**

Appendix 1 at the end of this guide details the exam opportunities per module for the Master Engineering Systems. According to Part 2 of the Degree Statute, you have two exam opportunities per year for the exams during the theoretical phase. Should you need a third opportunity: Apply to the Exam Board. Additionally, applications to the Exam Board are necessary for exemptions and extensions.

**Exam schedules**

Written exams, take-home exams, presentations, etc., can be found in Appendix 1 of this guide. You may notice a significant gap between an exam and its re-examination date. This is a conscious decision on our part. The gap gives you enough time to review your exam, consult the lecturer, and revise the materials sufficiently. If you have failed an exam, you need time to revisit the learning material regularly, so that you are better able to retain it. Sometimes you can also gain completely new insights when you take a break from the learning materials. This also provides you as first year student more time to adjust to the pace and depth of higher education vocational training. Participating in follow-up programs while preparing for a re-sit can aid in mastering the failed exam's content.

**Registration exams**

You must register for exams through OSIRIS. Specific dates, deadlines, and registration procedures can be found in the Degree Statute. Further instructions on exam registration in OSIRIS are available on HAN Insite.

**Rules and Instructions for exams**

All the information about rules and instructions for exams can be found in Assessment Why and How, on OnderwijsOnline (general information) and in the degree statute.

# TOOLS AND SYSTEMS TO USE

## OnderwijsOnline

Throughout your degree programme, you will frequently use 'OnderwijsOnline' (https://onderwijsonline.han.nl/), the primary electronic learning environment for accessing readers, PowerPoints, assignments, practice exams, and video support. OnderwijsOnline also provides general information such as exam regulations and the Degree Statute. The platform is generally intuitive and includes its own help files and manuals. However, if you encounter issues, such as unavailable course content, the Education Office staff are available to assist you. You can visit us in R29/H1.19 or email us at educationoffice.tm@han.nl.

## Handin app

Home-taken exams must be submitted via the Handin app. More information is available on HAN Insite or OnderwijsOnline.

## OSIRIS

OSIRIS is the online information and registration system where you can access information about your study contract, elective modules, and exam results. Regularly check that all your marks are correctly added in OSIRIS

## ANS

Written exams are conducted on paper and subsequently uploaded to ANS (ans.han.nl), an online exam/testing/grading system.

## Schoolyear

For digital exams or exam reviews on your own laptop at a HAN location, we use the Schoolyear application to block unauthorized sources during the exam. More information is available here: https://www1.han.nl/insite/en/students/facilities-it/software-applications/testing-submission-and-grading/#faqs-schoolyear.

## Student software licenses

HAN students can purchase student software licenses for Microsoft Windows and Microsoft Office at a reduced cost via www.surfspot.nl. Note: You will need a webcam and microphone to participate in online lessons, meetings, and exams.

# WHERE TO FIND STUDY INFORMATION

**Study and multimedia centre**

Higher education at HAN involves conducting research at an advanced level. The HAN library, located at Ruitenberglaan 31, is known as the 'Study and Multimedia Centre'. It provides numerous valuable resources for Engineering students. The Study and Multimedia Centre website (https://www.hanuniversity.com/en/studycentres/) offers various resources such as:

HANQUEST

This search engine provides access to materials available in the HAN Study and Multimedia Centre collection and databases containing scientific journal articles (e.g., Science Direct, Wiley, and Springerlink). These commercial databases offer peer-reviewed and high-quality publications not found through general search engines like Google.

DATABASES

Quality research requires valid databases for your literature studies. HAN provides access to several individual databases, including NEN Connect, HBO Kennisbank, and ISSO.

HAN INFORMATION SPECIALISTS

If you encounter difficulties or need assistance with searching and finding information, the librarians or information specialists at the Study and Multimedia Centre at Ruitenberglaan 31 are available to help. You can make an appointment with them. Information and contact details are also available on OnderwijsOnline: https://onderwijsonline.han.nl/elearning/content/RDp4O3Dp.

# PRACTICALITIES / CONTACT INFORMATION

**Education Office Master Engineering Systems**

We are here to help you with any questions related to your study progress, exam opportunities, procedures, theoretical phase, etc. Please visit us in R29 H1.19 or e-mail us at educationoffice.tm@han.nl. We are open Monday – Thursday from 9.00 – 17.00 hrs.
We are happy to assist you!
Xera Alberts, Melissa Gorkink, Seline Konings and Esther Uwland.

**Graduation procedure**

For questions regarding your Major Project after the theoretical phase you can contact finalthesis@tm@han.nl.

**Study Coach**

If you have questions or concerns about your study progress, you can talk to your study coach. The Education Office staff can also provide information or assist in making an appointment with your study coach.
Our study coaches are:
Xera Alberts, Seline Konings,  Jeroen van Tongeren, Esther Uwland.
For content-related questions, contact the coordinating lecturers of the modules.

**Exam Board**

To send a request to the Exam Board, email examboard.tm@han.nl.
Our members are Marijn Jongerden and Thymen Kamerling.

**Degree Committee**

The degree committee advises the course department on promoting and ensuring the quality of the degree programme. It annually evaluates the programme's compliance with the education and examination regulations. For more information or to become a member, contact degreecommittee.tm@han.nl. The degree committee has its own regulations (see Part 3). Our staff members are: Jeroen van Tongeren and Esther Uwland.

**Your HAN e-mail address**

Your email address is {yourname}@student.han.nl. We will use your HAN email address to communicate with you for anything related to your studies.

**Communication channels**

The Education Office will regularly inform you about important study-related issues by email (monthly MES Updates). The Education Office may also schedule regular (online) info sessions in MS Teams.

### International Office
The International Office has provided you with information about living in the Netherlands. You can reach them at internationaloffice@han.nl. If necessary, the staff of the Education Office staff can help you make an appointment.

### Immigration
For questions related to your visa, health insurance, etc., contact the Immigration Office at immigration@han.nl.

### CIC Desk
The CIC Desk can assist with questions about tuition fees, payments, etc. Contact them at CICdesk@han.nl.

### Student Enquiry Desk
Located in the hall of R26, the Student Enquiry Desk can help with practical aspects of studying at HAN, such as proof of enrolment or transcripts. Email them at ASK@HAN.nl or visit the main reception at R26.

### Service Desk
The Service Desk is the contact point for all facility and IT-related questions, including applications, HAN cards, system issues, reservations, and complaints.
Contact Information:
- Email: ASK@HAN.nl
- Phone: (024) 353 16 66 (Monday to Friday, 8:00 to 19:00)
- Location: Ruitenberglaan 31, Arnhem, C-wing, room C0.23 (Monday to Friday, 8:00 to 17:00)
- Available during holiday periods by email at ASK@HAN.nl or phone (024-3531666).

# STUDENT MEETING POINTS AT HAN

**Arnhem Student Sports**

Arnhem Student Sports is an organization that manages municipal sports facilities in the city. With a student sports card, you can access these facilities at a reduced cost. The card is available to students from all higher education institutes in Arnhem. For more information, visit their website: https://www.sportinarnhem.nl/studenten

**SAM**

SAM is the online news medium for HAN students and staff. Visit SAM to watch films and read engaging articles about past and upcoming events at HAN. https://sam.han.nl/

**ISA**

ISA is a student-run organization aimed at helping new students integrate into the international community at HAN. https://www1.han.nl/insite/en/students/student-life/student-organizations/?_ga=2.1449201.1758435809.1639986783-669640556.1613984018

**Project group against Loneliness - Living room ISB at HAN**

The International School of Business has created a welcoming "living room" in the 'base camp,' a room at Ruitenberglaan 31 on the Arnhem campus, specifically for students to relax. No lessons are given there. Master Engineering Systems students are also welcome. https://hanuniversity.com/en/news/2021/03/international-students-welcome-in-living-room/.

**Arnhem Student Point**

Arnhem Student Point offers a "home away from home" and a place where you can enrich yourself beyond your studies: https://arnhemstudentpoint.nl/.

**SV Amoras**

SV Amoras is the Student Association for bachelor students at the HAN UAS School of Engineering and Automotive. Master Engineering Systems students are also welcome to join their activities. For more information, visit www.svamoras.nl or email them at info@svamoras.nl.

# Appendix 1: Exam opportunities per module for the Master Engineering Systems

According to the degree statute (Part 2), **you have two opportunities each academic year to take an exam or modular exam**. However, some modules offer additional opportunities. You are permitted to choose **two** of these opportunities.

Please note that all (group) reports, assignments, and HTEs must be submitted via Handin.

| Subject | OSIRIS code | Term 1 P1A | Term 2 P2A | Term 3 P3A | Term 4 P4A | MP/ CS Re-exam P5A | Takes place on | HTE / WE Re-exam P5A |
|---|---|---|---|---|---|---|---|---|
| **Module Systems Modelling (OSIRIS SYSTMO60)** | | | | | | | | |
| Applied Physics | APPLPH06 | 1.9 | | 3.9 | 4.10 | | Monday | |
| Introduction Modelling | INTRMO05 | 1.9 | | 3.9 | 4.10 | | Monday | |
| Practice Modelling and Simulation | PRAMOS08 | 1.9 | | | 4.9 | | Monday | August 18 |
| Energy based Modelling | ENEBAM10 | | 2.9 | | | | Monday | August |
| System Identification | SYSTID07 | | 2.9 | | | | Monday | August 18 |
| M SM Minor Project Project Plan TOETS-01 | MODSYM04 | 1.9 | 2.4 | | | | Monday | |
| M SM Minor Project Report & Presentation TOETS-02 | MODSYM04 | | 2.9 / 2.10 | | | 4.11 / 4.12 | Report / Presentation: Monday | |
| M SM Minor Project Group Contribution TOETS-03 | MODSYM04 | | 2.10 | | | | | |
| | | | | | | | | |
| **Module Applied Control (OSIRIS APPLCO60)** | | | | | | | | |
| Feedback Control TOETS-01 | FEEDCO04 | 1.9 | | 3.9 | | | Wednesday | August |
| Feedback Control, Digital Control TOETS-02 | FEEDCO04 | | 2.9 | | 4.9 | | Wednesday | August 18 |
| Apply Control Strategies | APPCOS16 | | 2.9 | | 4.9 | | Wednesday | August 18 |
| Controller Implementation | CONTIM04 | | 2.9 | | 4.9 | 4.11 / 4.12 | Wednesday | |
| Multivariable systems and optimization | MULSYO02 | 1.9 | | 3.9 | | | Wednesday | August 18 |
| M AC Minor Project Project Plan TOETS-03 | APPCOM14 | 1.9 | 2.4 | 3.9 | 4.4 | | Wednesday | |
| M AC Minor Project Report & Presentation TOETS-01 | APPCOM14 | | 2.9 / 2.10 | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Wednesday | |
| M AC Minor Project Group Contribution TOETS-02 | APPCOM14 | | 2.10 | | 4.10 | | | |

| Subject | OSIRIS code | Term 1 P1A | Term 2 P2A | Term 3 P3A | Term 4 P4A | MP/ CS Re-exam P5A | Takes place on | HTE / WE Re-exam P5A |
|---|---|---|---|---|---|---|---|---|
| **Module Advanced Vehicle Dynamics (OSIRIS ADVVED60)** | | | | | | | | |
| M AVD Theory TOETS-01 | ADVVED28 | 1.9 | | 3.9 | | | Tuesday | August |
| M AVD Theory TOETS-02 | ADVVED28 | | 2.9 | | 4.9 | | Tuesday | August |
| M AVD Capita Selecta | ADVVED33 | | 2.9 | | 4.9 | 4.11 / 4.12 | Tuesday | |
| M AVD Minor Project Project Plan TOETS-03 | ADVVEE10 | 1.9 | 2.4 | 3.9 | 4.4 | | Tuesday | |
| M AVD Minor Project Report & Presentation TOETS-01 | ADVVEE10 | | 2.9 / 2.10 | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Tuesday | |
| M AVD Minor Project Group Contribution TOETS-02 | ADVVEE10 | | 2.10 | | 4.10 | | | |
| | | | | | | | | |
| **Module Big Data & Small Data (OSIRIS BIGDAS80)** | | | | | | | | |
| M BDSD Theory TOETS-01 | DATCOM02 | 1.9 | | 3.9 | | | Monday | August 18 |
| M BDSD Theory TOETS-02 | DATCOM02 | | 2.9 | | 4.9 | | Monday | August 18 |
| M BDSD Capita Selecta | CAPSEM07 | | 2.9 | | 4.9 | 4.11 / 4.12 | Monday | |
| M BDSD Minor Project Report & Presentation TOETS-01 | BIGDAM05 | | 2.9 / 2.10 | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Monday | |
| M BDSD Minor Project Group Contribution TOETS-02 | BIGDAM05 | | 2.10 | | 4.10 | | | |
| | | | | | | | | |
| **Module Embedded Control (OSIRIS EAMDEC01)** | | | | | | | | |
| M EC Theory | EAECTH01 | | | | 4.9 | | Thursday | August 18 |
| M EC Capita Selecta | EAECCS01 | | | | 4.4 | 4.11 / 4.12 | Thursday | |
| M EC Minor Project Project Plan TOETS-01 | EAECMP01 | | | 3.9 | 4.4 | | Thursday | |
| M EC Minor Project Report & Presentation TOETS-03 | EAECMP01 | | | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Thursday | |
| M EC Minor Project Group Contribution TOETS-02 | EAECMP01 | | | | 4.10 | | | |
| | | | | | | | | |

| Subject | OSIRIS code | Term 1 P1A | Term 2 P2A | Term 3 P3A | Term 4 P4A | MP/ CS Re-exam P5A | Takes place on | HTE / WE Re-exam P5A |
|---|---|---|---|---|---|---|---|---|
| **Module Hydrogen Technology (OSIRIS EAMDHT01)** | | | | | | | | |
| M HT Theory TOETS-01 | EAHTTH01 | | | 3.9 | | | Wednesday | August |
| M HT Theory TOETS-02 | EAHTTH01 | | | | 4.9 | | Wednesday | August |
| M HT Theory TOETS-03 | EAHTTH01 | | | | 4.6 | | Wednesday | August 18 |
| M HT Capita Selecta TOETS-01 | EAHTCS01 | | | 3.9 | | 4.11 / 4.12 | Wednesday | |
| M HT Minor Project Project Plan TOETS-03 | EAHTMP01 | | | 3.9 | 4.4 | | Wednesday | |
| M HT Minor Project Report & Presentation TOETS-02 | EAHTMP01 | | | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Wednesday | |
| M HT Minor Project Group Contribution TOETS-01 | EAHTMP01 | | | | 4.10 | | | |
| | | | | | | | | |
| **Module Intelligent Mobility (OSIRIS EAMDIM01)** | | | | | | | | |
| M IM Theory TOETS-01 | EAIMTH01 | | | | 4.7 | | Thursday | August 18 |
| M IM Theory TOETS-02 | EAIMTH01 | | | | 4.9 | | Thursday | August |
| M IM Capita Selecta TOETS-01 | EAIMCS01 | | | | 3.9 | 4.11 / 4.12 | Thursday | |
| M IM Capita Selecta TOETS-02 | EAIMCS01 | | | | 3.9 | 4.11 / 4.12 | Thursday | |
| M IM Minor Project Project Plan TOETS-01 | EAIMMP01 | | | 3.9 | 4.4 | | Thursday | |
| M IM Minor Project Group Contribution TOETS-02 | EAIMMP01 | | | | 4.10 | | | |
| M IM Minor Project Report & Presentation TOETS-03 | EAIMMP01 | | | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Thursday | |
| | | | | | | | | |
| **Module Innovations in Powertrains (OSIRIS INNINP60)** | | | | | | | | |
| M IPT Theory TOETS-01 | INNPOT25 | | 2.7 | | 4.7 | | Thursday | August 18 |
| M IPT Theory TOETS-02 | INNPOT25 | 1.9 | | 3.9 | | | Thursday | August |
| M IPT Theory TOETS-03 | INNPOT25 | | 2.9 | | 4.9 | | Thursday | August |
| M IPT Capita Selecta | INNPOC01 | | 2.2 | | 4.2 | 4.11 / 4.12 | Thursday | |
| M IPT Minor Project Project Plan TOETS-03 | INNPOM01 | 1.9 | 2.4 | 3.9 | 4.4 | | Thursday | |

| Subject | OSIRIS code | Term 1 P1A | Term 2 P2A | Term 3 P3A | Term 4 P4A | MP/ CS Re-exam P5A | Takes place on | HTE / WE Re-exam P5A |
|---|---|---|---|---|---|---|---|---|
| M IPT Minor Project Report & Presentation TOETS-02 | INNPOM01 | | 2.9 / 2.10 | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Thursday | |
| M IPT Minor Project Group Contribution TOETS-01 | INNPOM01 | | 2.10 | | 4.10 | | | |
| | | | | | | | | |
| **Module Reliable Electricity Hubs (OSIRIS EAMDRE01)** | | | | | | | | |
| M REH Theory TOETS-01 | EARETH01 | 1.9 | | 3.9 | | | Tuesday | August |
| M REH Theory TOETS-02 | EARETH01 | | 2.9 | | 4.9 | | Tuesday | August |
| M REH Theory TOETS-03 | EARETH01 | | 2.9 | | 4.9 | | Tuesday | August 18 |
| M REH Capita Selecta | EARECS01 | 1.9 | | 3.9 | | 4.11 / 4.12 | Tuesday | |
| M REH Minor Project Project Plan TOETS-01 | EAREMP01 | 1.9 | 2.4 | 3.9 | 4.4 | | Report / Presentation: Tuesday | |
| M REH Minor Project Report & Presentation TOETS-03 | EAREMP01 | | 2.9 / 2.10 | | 4.9 / 4.10 | 4.11 / 4.12 | Report / Presentation: Tuesday | |
| M REH Minor Project Group Contribution TOETS-02 | EAREMP01 | | 2.10 | | 4.10 | | | |
| | | | | | | | | |
| **M Major Project (OSIRIS EAMDMP01)** | | | | | | | | |
| Major project | EAMAPR01 | | | | | | According to time schedule MES (Practical Guide) on #OO | |