



## Deadlines

| What?                                                                               | When?                          |
|-------------------------------------------------------------------------------------|--------------------------------|
| Lecture period at the department EIT                                                | <b>07.10.2025 – 31.01.2026</b> |
| Registration for labs and projects (prerequisite for taking exams)                  | <b>22.09.2025 – 05.10.2025</b> |
| Registration for exams and seminars                                                 | <b>22.09.2025 – 09.12.2025</b> |
| Last possible date for the return of a project topic (via <a href="#">PA form</a> ) | <b>31.10.2025</b>              |
| Last possible date for the deregistration for labs                                  | <b>31.10.2025</b>              |
| Examination period                                                                  | <b>02.02.2025 – 20.02.2026</b> |

## Important Links

- [MSE Website](#)
- [News](#)
- [University portal my.h-da.de](#)
- [Schedule](#)
- [Examination schedule](#)
- [Examination board](#)
- [Moodle](#)

## Important Contacts

- Course director: Prof. Dr. Peter Fromm [master.fbe@h-da.de](mailto:master.fbe@h-da.de)
- Course coordinator: Sabine François [master.fbe@h-da.de](mailto:master.fbe@h-da.de)
- Head of the Examination Board: Prof. Dr. Michael Kuhn [michael.kuhn@h-da.de](mailto:michael.kuhn@h-da.de)
- Examination secretariat: <http://frag-eit.de/> (Tel.: +49 6151 533 5617)
- Department office: [sekretariat.fbe@h-da.de](mailto:sekretariat.fbe@h-da.de) (Tel.: +49 6151 533 5610)



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## Lab Registration

1. In the lab and projects registration period, register via the university portal [my.h-da.de](https://my.h-da.de) via the button exam registration for all labs you want to take. Please keep the email with the registration confirmation as proof.
2. **Registration is mandatory.** Participation is excluded without registration!
3. After the registration period you will be enrolled in a corresponding moodle course and get all information directly from the lecturer.
4. Please find a list of all labs at the end of this document.

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## Project Registration (only summer term)

1. In the lab and projects registration period, register via the university portal [my.h-da.de](https://my.h-da.de) via the button exam registration for the project you want to take. Please keep the email with the registration confirmation as proof.
2. **Registration is mandatory.** Participation is excluded without registration!
3. After the registration period you will be enrolled in a corresponding moodle course and get all information directly from the lecturer.

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## Exam Registration

1. In the examination registration period, register via the university portal [my.h-da.de](https://my.h-da.de) for the examinations you wish to take. Please keep the email with the registration confirmation as proof.
2. **Registration is mandatory.** Participation is excluded without registration!
3. If you have not passed an examination of a mandatory module in the previous semester, you must repeat it at the next possible date (in the following semester). The department will automatically register you for all repetition exams of the mandatory modules.
4. If you have any problems with the exam registration, please use this form <http://frag-eit.de/>. Please add a meaningful screenshot of the problem.



## List of mandatory labs – winter term

Please note: You will only find the mandatory labs [here](#). The offer of elective modules varies each semester.

### Major Automation

| Exam no. | Lab name                                             |
|----------|------------------------------------------------------|
| 2120     | Safety in Industrial Automation - Lab                |
| 2220     | Adaptive Control, Modelling and Identification - Lab |
| 2320     | Computer Vision - Lab                                |
| 2450     | Advanced Programming Techniques - Lab                |

### Major Communication

| Exam no. | Lab name                                       |
|----------|------------------------------------------------|
| 3120     | Advanced Digital Signal Processing - Lab       |
| 3320     | Microwave Components and Systems - Lab         |
| 3420     | Advanced Software Design and Development - Lab |

### Major Embedded and Microelectronics

| Exam no. | Lab name                                                              |
|----------|-----------------------------------------------------------------------|
| 4150     | Advanced Programming Techniques - Lab                                 |
| 4220     | VLSI Design and Testing - Lab                                         |
| 4320     | Advanced Microcontroller Systems And Embedded Operating Systems - Lab |
| 4420     | FPGA-based System on Chip Design - Lab                                |

### Major Power

| Exam no. | Lab name                                                         |
|----------|------------------------------------------------------------------|
| 5120     | Advanced High Voltage Technology - Lab                           |
| 5220     | Power System Operation - Lab                                     |
| 5450     | Embedded Programming & Design of Real-Time Control Systems - Lab |



## List of mandatory labs – summer term

Please note: You will only find the mandatory labs here. The offer of elective modules varies each semester.

### Major Automation

| Exam no. | Lab name                                          |
|----------|---------------------------------------------------|
| 2550     | Industry 4.0 / IIoT and the Digital Factory - Lab |
| 2620     | Industrial Robotics - Lab                         |
| 2720     | State-Space Control Design - Lab                  |

### Major Communication

| Exam no. | Lab name                            |
|----------|-------------------------------------|
| 3220     | Advanced Modulation - Lab           |
| 3520     | System-Driven Hardware Design - Lab |
| 3620     | Fields, Waves and Antennas - Lab    |
| 3720     | Information Networks - Lab          |

### Major Embedded and Microelectronics

| Exam no. | Lab name                                      |
|----------|-----------------------------------------------|
| 4520     | Embedded Architectures and Applications - Lab |
| 4620     | System-Driven Hardware Design - Lab           |
| 4720     | Embedded Signal Processing Systems - Lab      |

### Major Power

| Exam no. | Lab name                                         |
|----------|--------------------------------------------------|
| 5750     | Model-Based Design, HiL & PiL Systems - Exercise |