

SESE Projects 2020 (EES + MPSEES)

Organizational Matters

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Examination + ECTS

- **Three module variants:**
 - Bachelor course *Embedded System Design [EES]* (6+3 ECTS)
 - Master **Project** SEES (9 ECTS)
 - Master **Project and Seminar** SEES (6+3 ECTS)
- 9 ECTS \approx 270 h (in 13 weeks \rightarrow 20 h/week)
- **Oral presentation** of project progress (25%)
- **Oral examination** at the end of the semester (25%)
- **Review** of project work (50%)

Module Registration

Registration deadline: 16.05.2020

Registration options:

- Register on QISPOS
- Register using “yellow sheet”:
 - Only if you cannot use QISPOS!
 - Go to <https://www.pruefungen.tu-berlin.de/fileadmin/ref10/Formulare/Pruefungsanmeldung.pdf>
 - Fill out the form and send it to your exam office via email

Make sure to **choose the correct module variant!**

Check <https://www.pruefungen.tu-berlin.de/menue/home/> before registering for the latest info on registration.

Ausfüllbares Formular: Bitte beide Seiten jeweils einzeln drucken.

Anmeldung zur Prüfung

► Abschluss: ☐ Bachelor ☐ Master ☐ Vordiplom ☐ Hauptdiplom

im Studiengang / ggf. Studienrichtung <small>Course of study / discipline</small> <input type="checkbox"/> Frau / Mrs / Ms <input type="checkbox"/> Herr / Mr Name / Family name Vorname / First name Tel. E-Mail	Matrikel-Nummer <small>Matriculation number</small> <input type="checkbox"/> 1. FachModulprüfung / 1 st Examination subject <input type="checkbox"/> 1. Wiederholung / 1 st Repeat <input type="checkbox"/> 2. Wiederholung / 2 nd Repeat <small>Letztmögliche Prüfungsversuche sind gem. § 33 BerUG von mindestens zwei prüfungs- berechtigten Personen abzunehmen.</small>
Fach / Modul (Subject): <input type="checkbox"/> Pflichtmodul <input type="checkbox"/> Wahlpflichtmodul <input type="checkbox"/> Kernmodul _/_/_ <input type="checkbox"/> Profilmodul _/_/_ <input type="checkbox"/> Anwendungsfach <input type="checkbox"/> Nebenfach <input type="checkbox"/> Schwerpunktm modul <input type="checkbox"/> Ergänzungsmodul <input type="checkbox"/> _____	Fach / Modul mit Genehmigung - nur wenn laut Modulbeschreibung erforderlich <small>Subject with permission - if required by module description:</small> <input type="checkbox"/> Freie Wahl / Wahlmodul / FUG <input type="checkbox"/> Zusatzmodul (gemäß § 37 AllgStuPO) <small>Kapazitäten vorhanden und verpflichtende Voraussetzungen erfüllt Available capacity and conditions previously fulfilled</small> <small>Datum/Unterschrift/Stampel der bzw. des Modulverantwortlichen Date/signature/seal of module manager</small>

Modulverantwortliche bzw. Prüferin
(Examiner)
Name _____

Titel des Moduls (vollständiger Titel, keine Abkürzung) / Module (no short cut or abbreviation): _____

Prüfungsform / Type of examination	Prüfungszeitraum bzw. -tag /	Leistungspunkte	POS NR.:
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Schedule

- **Until 23.04.:** Submit project topic preferences
- **27.04.-01.05.:** First group meeting
- **17.5.:** Submission deadline first milestone presentation
- **07.06.:** Submission deadline second milestone presentation
- **28.06.:** Submission deadline third milestone presentation
- **19.07.:** Submission deadline final presentation
- **20.7.-24.7.:** *Oral examinations (planned)*

- Everything will take place **virtually!** (more on this later)
- Your group must meet with your assigned supervisor **once per week**



Milestone Presentation Mode

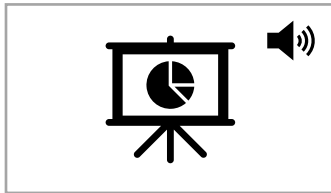
- Your group must create three milestone presentations in form of a **short video**
- Your group must **submit** your presentation on **ISIS** by the given deadline
- After submission, you have a week to **give feedback** on the other groups' presentations (on **ISIS**)
- Each milestone presentation must be given by **two students** (exceptions for smaller/bigger groups)
- At the end, each group member must have **appeared in one** of the three presentations where he/she has **presented** for **ten minutes**
- You get a mark on your **personal performance**



Presentation Video Requirements

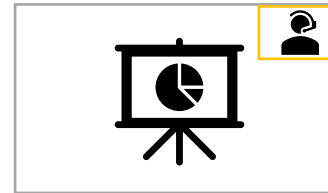
You can choose between two presentation formats:

Format 1:
Slides with narration



- You show slides
- You announce the current speaker by voice *or* show a text overlay with his/her name

Format 2:
Slides with video overlay



- You show slides
- There is a video overlay that shows the current speaker

- You must submit your video in **mp4 format**
- Maximum file size: **2 GB**
- Maximum duration: **25 minutes**
- TU Berlin recommends **OBS** for capture: <https://obsproject.com/>



Final Presentation Mode

- Two components:
 - Demonstration video
 - Brief project description for our website
- Submission via ISIS
- **Group work:** each group member must **participate** (talking in the presentation, creating the website, editing the video, ...)



Minimal Requirements for First Milestone

- Summary of relevant papers
- Definition of the **project goal** (requirements)
- Development **process defined**, quality assurance planned
- **Project plan** (work packages, responsibilities, schedule)
- Basic **robot + environmental design**
- Basic **solutions** and **algorithms** defined or selected
- First experiments

Next Steps

- Browse the available projects on ISIS
- Choose your preferred topics by completing our **registration form on ISIS**
- Complete our introductory lesson on project management on ISIS
- Define your project goal and expectations to prepare for your first group meeting with your supervisor

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