

Module Handbook (<https://modhb.uni-kl.de/>)

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## Module EIT-EES-859-M-7

Projekt Energietechnik (M, 15.0 LP)

### Module Identification

Module Number	Module Name	CP (Effort)
EIT-EES-859-M-7	<i>Projekt Energietechnik</i>	15.0 CP (450 h)

**Hint concerning Module EIT-EES-859-M-7:**  
3 - 15 CPs depending on effort

### Basedata

CP, Effort	15.0 CP = 450 h
Position of the semester	1 Sem. in WiSe/SuSe
Level	[7] Master (Advanced)
Language	[DE] German
Module Manager	Wellßow, Wolfram, Prof. Dr.-Ing. (PROF   DEPT: EIT) (/staff/350/)
Lecturers	Wellßow, Wolfram, Prof. Dr.-Ing. (PROF   DEPT: EIT) (/staff/350/)
Area of study	[EIT-EES] Energy Systems and Energy Management
Reference course of study	[EIT-88.781-SG#2010] M.Sc. Electrical and Computer Engineering [2010] (/mhb/FB-EIT/cos-556/)
Lifecycle-State	[NORM] Active

### Courses

Type/SWS	Course Number	Choice in Module-Part	SL	PL	CP	Sem.
2S	<a href="/mhb/courses/EIT-EES-859-K-7/">EIT-EES-859-K-7 (/mhb/courses/EIT-EES-859-K-7/)</a>	P	PROJ-Schein	PL1	15.0	WiSe/SuSe

- About [EIT-EES-859-K-7]: Title: "Projekt Energietechnik"; Presence-Time: 28 h; Self-Study: 422 h
- About [EIT-EES-859-K-7]: The study achievement [PROJ-Schein] **proof of successful completion of the project(s)** must be obtained. It is a prerequisite for the examination for PL1.

## Examination achievement PL1

- Form of examination: **combination of talk and written elaboration**
- Examination Frequency: each semester

Weighting between talk and written elaboration is set individually

## Evaluation of grades

The grade of the module examination is also the module grade.

### Contents

From [EIT-EES-859-K-7] **Projekt Energietechnik** (/mhb/courses/EIT-EES-859-K-7/):

- Bearbeitung einer aktuellen Fragestellung auf dem Gebiet der Energietechnik mit wissenschaftlichen Methoden
- Stand der Forschung und Entwicklung zum ausgewählten Thema
- Präsentationstechniken
- Dokumentation

### Competencies / intended learning achievements

- Entwicklung der Fähigkeit zur selbstständigen wissenschaftlichen Arbeit
- Erlernen der Präsentationstechniken
- Projektplanung, -management und -dokumentation
- Förderung der fachlichen Beurteilungskompetenz

### Requirements for attendance (informal)

#### Modules:

- [EIT-EES-853-M-7] Power System Planning and Operation I (M, 5.0 LP) (/mhb/modules/EIT-EES-853-M-7/)
- [EIT-ENV-208-M-4] Electrical Energy Systems I (M, 4.0 LP) (/mhb/modules/EIT-ENV-208-M-4/)
- [EIT-ENV-209-M-4] Electrical Energy Systems II (M, 4.0 LP) (/mhb/modules/EIT-ENV-209-M-4/)
- [EIT-MEA-181-M-2] Fundamentals of Electrical Power Engineering (M, 5.0 LP) (/mhb/modules/EIT-MEA-181-M-2/)

#### Requirements for attendance (formal)

None

## References to Module / Module Number [EIT-EES-859-M-7]

Course of Study	Section	Choice/Obligation
[EIT-88.781-SG#2010] M.Sc. Electrical and Computer Engineering [2010] (/mhb/FB-EIT/cos-556/)	Elective Subjects	[W] Elective Module
[EIT-88.?-SG#2021] M.Sc. Electrical and Computer Engineering [2021] (/mhb/FB-EIT/cos-686/)	Technical Elective Modules	[W] Elective Module