TECHNISCHE HOCHSCHULE LÜBECK

Module: Special Topics of Electrical Engineering

Level	Bachelor	**Short Name**	SToEE
Responsible Lecturers	Matthies, Denys, Prof. Dr.-Ing.		
Department, Facility	Electrical Engineering and Computer Science		
Course of Studies	Information Technology, Bachelor		
Compulsory/elective	Elective	**ECTS Credit Points**	5
Semester of Studies	(Unspecified)	**Semester Hours per Week**	4
Length (semesters)	1	**Workload (hours)**	150
Frequency	(Flexible)	**Presence Hours**	60
Teaching Language	English	**Self-Study Hours**	90
The following section is filled only if there is **exactly one** module-concluding exam.			
Exam Type	Portfolio Exam	**Exam Language**	English
Exam Length (minutes)		**Exam Grading System**	One-third Grades
Learning Outcomes	The students learn or deepen competences according to the concretely offered specific topic of electrical engineering. They are able to analyze various tasks in the concretely offered special topic of electrical engineering, select appropriate solution approaches and to implement and test solutions on the basis of state-of-the-art methods.		
Participation Prerequisites			
The previous section is filled only if there is **exactly one** module-concluding exam.			
Consideration of Gender and Diversity Issues	✔ Use of gender-neutral language (THL standard) ✔ Target group specific adjustment of didactic methods ✘ Making subject diversity visible (female researchers, cultures etc.)		
Applicability			
Remarks			

Module Course: Special Topics of Electrical Engineering (Lecture)

(of Module: Special Topics of Electrical Engineering)

Course Type	Lecture	**Form of Learning**	Presence
Mandatory Attendance	no	**ECTS Credit Points**	3,5
Participation Limit		**Semester Hours per Week**	3
Group Size		**Workload (hours)**	105
Teaching Language	English	**Presence Hours**	45
Study Achievements ("Studienleistung", SL)		**Self-Study Hours**	60
SL Length (minutes)		**SL Grading System**	

The following section is filled only if there is a course-specific exam.

Exam Type		**Exam Language**	
Exam Length (minutes)		**Exam Grading System**	
Learning Outcomes			
Participation Prerequisites			

The previous section is filled only if there is a course-specific exam.

Contents	The course content is determined according to the concretely offered special topic of electrical engineering.
Literature	Literature will be named in the lecture.
Remarks	

TECHNISCHE HOCHSCHULE LÜBECK

Module Course: Special Topics of Electrical Engineering (Exercises)

(of Module: Special Topics of Electrical Engineering)

Course Type	Exercise	**Form of Learning**	Presence
Mandatory Attendance	no	**ECTS Credit Points**	1,5
Participation Limit		**Semester Hours per Week**	1
Group Size	12	**Workload (hours)**	45
Teaching Language	English	**Presence Hours**	15
Study Achievements ("Studienleistung", SL)		**Self-Study Hours**	30
SL Length (minutes)		**SL Grading System**	

The following section is filled only if there is a course-specific exam.

Exam Type		**Exam Language**	
Exam Length (minutes)		**Exam Grading System**	
Learning Outcomes			
Participation Prerequisites			

The previous section is filled only if there is a course-specific exam.

Contents	In the exercises during the semester, the students apply what they have learned in the lecture to given or self-study topics for selected application scenarios.
Literature	See lecture
Remarks	