COURSE CONTENTS
ELECTRICAL ENGINEERING & INFORMATION TECHNOLOGY

SEM.	MODULE OVERVIEW						ECTS
1	Electrical Engineering 1 & practical course 5	Physics 5	Programming 1 & practical course 5	Digital Technology & practical course 5	Mathematics 1 Analysis 1 5	Mathematics 2 Linear Algebra 5	**30**
2	Electrical Engineering 2 & practical course 10		Metrology 1 & practical course 5	Programming 2 & practical course 5	Processor Technology & practical course 5	Mathematics 3 Analysis 2 5	**30**
3	Electrical Engineering 3 & practical course 5	Metrology 2 & practical course 5	Robotics & practical course 5	Digital Electronics Labs 5	Electronics 5	Circuit Design 1 & practical course 5	**30**
4	Power Electronics 5	Comunication Technology 5	Profil 10		Professional English 5	Circuit Design 2 & practical course 5	**30**
5	Internship 30						**30**
6	High Frequency Engineering & practical course 5	Elective Module 5	Communications Networks 5	Digital Signalprocessing & practical course 5	Microcontroller & practical course 5	Seminar 5	**30**
7	Bachelor-Thesis 12		Automation & practical course 7		Control Engineering & practical course 6	Elective Module 5	**30**

■ Lecture subjects   ■ Projects and practical courses   ■ Thesis and internship