

**Electrical Engineering and Information Technology
EEIT-2009-13**

Summary of modules:



Semester	Module 1	Module 2	Module 3	Module 4	Module 5	Module 6	Extra
FY 2			Fundamentals of Engineering Mathematics 10 ECTS	Experimental Physics 10 ECTS Laboratory		Elementary German 1	
Sem 1	Fundamentals of Electrical Engineering 1 10 ECTS				Basics of Engineering Design 5 ECTS	Elementary German 2	
Sem 2	Fundamentals of Electrical Engineering 2 5 ECTS	Digital Circuit Design 5 ECTS Laboratory	Advanced Mathematics 5 ECTS	High-Level Programming Language 5 ECTS	Electrical Engineering Materials 5 ECTS	Pre-intermediate German 3	Pre-intermediate German 4
Sem 3	Transients and Transforms in Electric Circuits 5 ECTS	Electronics 10 ECTS	Electrical Metrology 5 ECTS Laboratory	Industrial Business Management 5 ECTS	Digital Signal Processing 5 ECTS	Intermediate German 1 10 ECTS	
Sem 4	Micro Controller 5 ECTS Laboratory		Control Engineering 1 5 ECTS	Fundamentals of Telecommunication 5 ECTS Laboratory	Fundamentals of Power Engineering 5 ECTS Laboratory		
Sem 5	RF-Engineering 5 ECTS Laboratory	Communication Engineering 5 ECTS Laboratory	Digital Routing 5 ECTS Laboratory	Embedded Intelligent Systems 5 ECTS	Digital Systems 5 ECTS Laboratory	Control Engineering 2 5 ECTS Laboratory	
Sem 6	Signals and Systems 5 ECTS	Information Processing with Project 5 ECTS	Elective Subject with Project 8 ECTS		Bachelor Thesis 12 ECTS		

Index		taught by Vietnamese Lecturers	as of: 20.09.2010
		taught by German Professors of the University of Applied Sciences Frankfurt	
		taught by the German Academic Coordinator of EEIT	
		taught by German Language Teachers	
		Semester abroad at the University of Applied Sciences in Frankfurt, GERMANY	