

# COURSE CONTENTS

## ELECTRICAL ENGINEERING AND EMBEDDED SYSTEMS

SEM.	MODULE OVERVIEW						ECTS
1	Embedded Computing	Circuit & Systems 1	Signal Processing 1	Profile Module 1 (Internet of Things or Autonomous Driving)	Mathematics		30
		5	5	5	10		
2	10	Communication 1 (Wireless Communication)	Communication 2 (Nearfield Communication)	Profile Module 2 (Internet of Things or Autonomous Driving)	Advanced Control Systems	Elective Module	30
		5	5	5	5	5	
3	Embedded Control	Master-Thesis incl. Colloquium					30
	5						25