

COURSE CONTENTS

ELECTRICAL ENGINEERING AND EMBEDDED SYSTEMS

SEM.	MODULE OVERVIEW						ECTS
1	Embedded Computing 1 5	Communication 1 (Nearfield Communication) 5	Signal Processing 1 (Sensor and Actuator Signals) 5	Profile Module: System-On-Chip Modeling & Design or Computer Vision 5	Applied Mathematics 5	Numerical Methods 5	30
2	Embedded Computing 2 4	Communication 2 (Wireless Communication) 5	Elective Module or Research Project 5	Profile Module: System-On-Chip Operation & Test or Lidar and Radar Systems 5	Profile Module: Computer Architecture or Signal Processing 2 (Digital Filters) 5	Advanced Control Systems 6	30
3	Embedded Control 5	Master-Thesis incl. Colloquium 25					30

■ Lecture subjects

■ Thesis