

## Module Handbook

TUK MODHB Homepage

# Module INF-60-11-M-4

Embedded Systems and Robotics (Ba-Seminar) (M, 4.0 LP)

## Module Identification

Module Number	Module Name	CP (Effort)
INF-60-11-M-4	<i>Embedded Systems and Robotics (Ba-Seminar)</i>	4.0 CP (120 h)

## Basedata

CP, Effort	4.0 CP = 120 h
Position of the semester	1 Sem. in WiSe/SuSe
Level	[4] Bachelor (Specialization)
Language	[DE] German
Module Manager	Schneider, Klaus, Prof. Dr. (PROF   DEPT: INF)
Lecturers	Berns, Karsten, Prof. Dr. (PROF   DEPT: INF) Grimm, Christoph, Prof. Dr. (PROF   DEPT: INF) Schneider, Klaus, Prof. Dr. (PROF   DEPT: INF)
Area of study	[INF-ES] Embedded Systems and Robotics
Reference course of study	[INF-82.79-SG] B.Sc. Computer Science
Lifecycle-State	[NORM] Active

## Courses

Type/SWS	Course Number	Choice in Module-Part	SL	PL	CP	Sem.
2S	INF-60-11-K-4	P	AUSARB_P	no	4.0	WiSe/SuSe

- About [INF-60-11-K-4]: Title: "Embedded Systems and Robotics (Ba-Seminar)"; Presence-Time: 28 h; Self-Study: 92 h
- About [INF-60-11-K-4]: The study achievement "[AUSARB\_P] written elaboration and presentation" must be obtained.

## Evaluation of grades

The module is not graded (only study achievements)..

### Contents

From [INF-60-11-K-4] Embedded Systems and Robotics (Ba-Seminar):

Selected topics in embedded systems and robotics, in particular in the following areas:

- Reactive systems
- Development and verification of embedded systems
- Robotics
- Computer architectures

### Competencies / intended learning achievements

- Ability to acquaint oneself with a specific topic in the area of embedded systems and robotics.
- Ability to present a scientific topic using modern media.
- Ability to discuss technical subjects.

### Literature

From [INF-60-11-K-4] Embedded Systems and Robotics (Ba-Seminar):

topic specific literature

### Requirements for attendance of the module (informal)

None

### Requirements for attendance of the module (formal)

None

### References to Module / Module Number [INF-60-11-M-4]