

Module Handbook

TUK MODHB Homepage

Module INF-02-20-M-2

Software Development Project (M, 8.0 LP)

Module Identification

Module Number	Module Name	CP (Effort)
INF-02-20-M-2	<i>Software Development Project</i>	8.0 CP (240 h)

Basedata

CP, Effort	8.0 CP = 240 h
Position of the semester	1 Sem. in SuSe
Level	[2] Bachelor (Fundamentals)
Language	[DE] German
Module Manager	Ebert, Achim, apl. Prof. Dr. (PROF DEPT: INF, GS)
Lecturers	Ebert, Achim, apl. Prof. Dr. (PROF DEPT: INF, GS)
Area of study	[INF-PFL] Mandatory Modules
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.
4L	INF-02-20-K-2	P	PRAES	no	8.0	WiSe/SuSe

- About [INF-02-20-K-2]: Title: "Software Development Project"; Presence-Time: 56 h; Self-Study: 184 h
- About [INF-02-20-K-2]: The study achievement "[PRAES] presentation" must be obtained.

Evaluation of grades

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

Contents

From [INF-02-20-K-2] Software Development Project:

- The objectives of the project include the design, implementation and testing of software systems under consideration of common project management methods.
- It refers to the assumed basic modules, the contents of which are applied in the project in a context that is realistic for practice.
- In the project the development of a complex software system is carried out, starting with the familiarization with the application domain up to the presentation of a fully functional and continuously tested prototype of the given application.

Competencies / intended learning achievements

The students...

- can apply engineering methods and techniques for the systematic development of software systems,
- can design and implement a larger application, perform software testing and go through a complete development cycle,
- are able to plan a larger software project (rough/detailed planning, milestones, activities, etc.), organize (definition of project phases, team building, roles in the team, controlling, progress control, etc.) and actively participate in the project team through their own contributions.

Literature

From [INF-02-20-K-2] Software Development Project:

Literatur der vorausgesetzten Lehrveranstaltungen.

Requirements for attendance of the module (informal)

None

- Notice: Some Courses have informal requirements for attendance:
 - #A: [INF-02-20-K-2] Software Development Project (4L, 8.0 LP) (P: Obligatory)

Requirements for attendance of the module (formal)

None

- Notice: Some Courses have formal requirements for attendance:
 - #A: [INF-02-20-K-2] Software Development Project (4L, 8.0 LP) (P: Obligatory)

References to Module / Module Number [INF-02-20-M-2]

Course of Study	Section	Choice/Obligation
[INF-82.79-SG] B.Sc. Computer Science	[Compulsory Modules] Software Development	[P] Compulsory