

Module Handbook

TUK MODHB Homepage

Module BI-MSCBI-KIB-011W1-M-6

Torsion, Biegedrillknicken und Brandschutz als Wahlfach (M, 5.0 LP)

Module Identification

Module Number	Module Name	CP (Effort)
BI-MSCBI-KIB-011W1-M-6	<i>Torsion, Biegedrillknicken und Brandschutz als Wahlfach</i>	5.0 CP (150 h)

Basedata

CP, Effort	5.0 CP = 150 h
Position of the semester	1 Sem. in SuSe
Level	[6] Master (General)
Language	[DE] German
Module Manager	Kurz, Wolfgang, Prof. Dr.-Ing. (PROF DEPT: BI)
Lecturers	Kurz, Wolfgang, Prof. Dr.-Ing. (PROF DEPT: BI)
Area of study	[BI-STB] Stahlbau
Reference course of study	[BI-88.B35-SG#2019] M.Sc. Structural Engineering [2019]
Lifecycle-State	[NORM] Active

Courses

Type/SWS	Course Number	Choice in Module-Part	SL	PL	CP	Sem.
2V+2U	BI-STB-SS004VU-K-7	W	SL1	PL1	6.0	SuSe

- About [BI-STB-SS004VU-K-7]: Title: "Torsion, Biegedrillknicken und Brandschutz"; Presence-Time: 56 h; Self-Study: 124 h
- About [BI-STB-SS004VU-K-7]: The study achievement **SL1** must be obtained.
 - It is a prerequisite for the examination for PL1.

Study achievement SL1

- Verification of study performance: **proof of successful participation in the exercise classes (ungraded)**
- Study achievement is a prerequisite for the examination.

Examination achievement PL1

- Form of examination: **oral examination (15 Min.)**

[[MISSING TEXT]]15 min?

Evaluation of grades

The module is not graded.

Auf Wunsch der Studierenden wird eine Note vergeben? Nein

Contents

From [BI-STB-SS004VU-K-7] **Torsion, Biegedrillknicken und Brandschutz:**

- St. Venant'sche Torsion offener und geschlossener Profile
- Wölbkrafttorsion offener Profile
- Grundlagen des Biegedrillknickens
- Nachweise des Biegedrillknickens in den Regelwerken
- Hohlprofilkonstruktionen
- Einführung in die Brandbemessung
- Brandbemessungsverfahren im Stahl- und Stahlverbundbau

Competencies / intended learning achievements

[[MISSING TEXT]]

Literature

[[MISSING TEXT]][BI-MSCBI-KIB-011-M-7]

Materials

[[MISSING TEXT]][BI-MSCBI-KIB-011-M-7]

Requirements for attendance of the module (informal)

[[MISSING TEXT]][BI-MSCBI-KIB-011-M-7]

Requirements for attendance of the module (formal)

None

References to Module / Module Number [BI-MSCBI-KIB-011W1-M-6]