

## Module Handbook

TUK MODHB Homepage

# Module WIW-SIC-DT12-M-7

Digital Transformation from a Innovation Management and Technology Perspective: Part 2 (M, 3.0 LP, AUSL)

## Module Identification

Module Number	Module Name	CP (Effort)
WIW-SIC-DT12-M-7	<i>Digital Transformation from a Innovation Management and Technology Perspective: Part 2</i>	3.0 CP (90 h)

## Basedata

CP, Effort	3.0 CP = 90 h
Position of the semester	1 Sem. in SuSe
Level	[7] Master (Advanced)
Language	[EN] English
Module Manager	Müller-Seitz, Gordon, Prof. Dr. (PROF   DEPT: WIW)
Lecturers	Müller-Seitz, Gordon, Prof. Dr. (PROF   DEPT: WIW) Schlemminger, Ronja, M. Sc. (WMA   DEPT: WIW)
Area of study	[WIW-SIC] Strategy, Innovation, and Cooperation
Reference course of study	[WIW-88.21-SG#2009] M.Sc. Business Studies (2009) [2009]
Lifecycle-State	[AUSL] Phase-out period

## Courses

Type/SWS	Course Number	Choice in Module-Part	SL	PL	CP	Sem.
O	WIW-SIC-DT12-K-7	P	-	PL1	3.0	SuSe

- About [WIW-SIC-DT12-K-7]: Title: "Digital Transformation from a Innovation Management and Technology Perspective: Part 2"; Self-Study: 90 h

## Examination achievement PL1

- Form of examination: **term paper**
- Examination Frequency: Examination only within the course

## Evaluation of grades

The grade of the module examination is also the module grade.

### Contents

- Lecture contents:
- Analysis of a KMU
- Entrepreneurship and digitization of SMEs
- Modelling of the business processes within an SME
- Identification of possible applications of new technologies within an SME
- Adaptation of the organizational structure of SMEs in light of digitization
- Strategies for the digital transformation of SMEs
- Completion of the Industry 4.0 concept within an SME
- Presentation of the new SME 4.0
- Preparation of a detailed and critical reflection paper on the contents learned and applied

### Competencies / intended learning achievements

Competences and desired learning outcomes: Upon successful completion of the module, students will be able to ...

- ... apply new skills in the field of digital transformation, especially technology management and digital technologies,
- ... combine theoretical business management contents with technological and engineering aspects and supplement them with an interdisciplinary approach,
- ... apply agile methods digitally with other students,
- ... develop solution concepts within intercultural groups in short sprints,
- ... apply rapid prototyping for the digitalization of companies,
- ... apply elements of blended learning with aspects of digital learning and face-to-face learning
- ... critically reflect on the solution concepts for the digitization of SMEs which were worked out with the help of agile methods.

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

None

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

None

- Notice: Some Courses have formal requirements for attendance:
  - #A: [WIW-SIC-DT12-K-7] Digital Transformation from a Innovation Management and Technology Perspective: Part 2 (O, 3.0 LP, AUSL) (P: Obligatory)

### References to Module / Module Number [WIW-SIC-DT12-M-7]