

Course No.: DLMBPDDT02	Course Title: Design Thinking	Hours Total: 150 h Credit Points: 5 ECTS
Course Type: Wahlpflicht Course Availability: WS, SS Course Duration: Minimum 1 Semester		Admission Requirements: None
Course Coordinator / Instructor: See current list of tutors in the Learning Management System		References to Other Modules: Please see module description
<p>Course Description:</p> <p>In this course, students will receive a hands-on introduction to human-centered design via the Design Thinking method. Beyond conveying the individual basic principles, the procedures in Design Thinking are examined in detail. In order to fully understand Design Thinking in terms of important aspects in practice, selected methods for the individual process steps are presented in theory and application. Students will learn to improve their design process by reflecting on and adapting their activities.</p> <p>Course Objectives and Outcome:</p> <p>On successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> • comprehend, critically reflect on, and adopt the Design Thinking mindset. • understand the inspiration, ideation, and implementation phases. • evaluate and identify appropriate methods from the toolbox of human-centered design for given design tasks and challenges. <p>Teaching Methods:</p> <p>The learning materials include guidelines, vodcasts, online tutorials, and forums. This range of learning materials is offered to students so they can study at a time, place, and pace that best suits their circumstances and individual learning style.</p> <p>Course Content:</p> <p>This seminar covers current topics and trends in Design Thinking, illustrating some methods and techniques as well as case studies. Each participant must create a seminar paper on a chosen project, where he/she describes the application of the Design Thinking approach to a real product development scenario.</p>		

Literature:

- The Open Group. (2009). The Open Group Architecture Framework (TOGAF) (Version 9.0) [Software]. Available from <https://www.opengroup.org/architecture/togaf9/downloads.htm>.
- Brown, T. (2008). Design thinking. Harvard Business Review, 86(6), 84-95.
- Brown, T. (2009). Change by design: How design thinking transforms organizations and inspires innovation. New York, NY: Harper Business.
- IDEO.org. (2015). The field guide to human-centered design. IDEO.org.
- Kelley, T., & Kelley, D. (2013). Creative confidence: Unleashing the creative potential within us all. New York, NY: Crown Business.

Prerequisites to Qualify for Assessment:

- Course evaluation

Assessment:

- Written Assessment: Project Report

Student Workload (in hours): 150

Self-study: 120

Self-examination: -

Tutorials: 30