

Project Management

This micro-credential is designed for: students, professionals/life-long-learners

Subject area: Business/Management

University: DTU

Prerequisites: None

Teaching mode: hybrid (some participants are online, other participants on campus)

Instructor(s): Christian Thuesen

Costs: €1,000

These costs are applicable for professional participants, not for EuroTeQ students.

Description

Through the course, the student develops unique insights into how project management is practiced through the analysis of a "real" world project. Furthermore, each student will experience the role of the project manager as each student will be responsible for planning and executing at least one day of the group work. The course is organized around classical and online lectures, reading material, group exercises/games and assignments, peer-reviews and multiple-choice quizzes. As a large portion of the learning activities occurs in groups, class participation is fundamental! Through the group work, the students will analyze a real-life project. Here they are expected to apply tools, concepts, models and theories, both appropriately and critically, to understand the reasons for the project 'success' or 'failure', identify challenges and develop recommendations. **IMPORTANT (TO DO BEFORE THE BEGINNING OF THE COURSE):** Every student is expected to identify an exciting project and present it to the class on the first day of the course. The project should be completed, or close to completion, so it is possible to analyze its 'success'.

<https://kurser.dtu.dk/course/42430>

Learning outcomes

Appraise the relevance of projects to engineering practices

Explain and critically assess the nature of projects based on four key perspectives (vision, complexity, uncertainty and people)

Identify projects potential impact on sustainability (SDGs)

Identify and describe typical mistakes and good practices in the management of projects

Apply appropriate tools, concepts, models and theories to analyze cases and real-life projects

Apply appropriate tools, concepts, models and theories to explain project success and failure

Apply appropriate tools, concepts, models and theories to make practical recommendations

Compare project management theory and practice and discuss its strengths and weakness in general and in relation to cases and real life-projects

Communicate clearly, concisely and based on evidence

General information

Contact hours per week: app. 20
Total workload: 140 hours (in hours for the whole course)
ECTS credits: 5

Course start date: 02/01/2023

Course end date: 20/01/2023

Weekly teaching day/time:

Time zone: CET (Denmark, Germany, France, Netherlands, Switzerland, Czech Republic)

Further information:

Activities and methods: Lectures, Group work, Online videos

Presence on campus:

Final examination

Form: continuous assessment

Date: 20/01/2023

Location/format:

Add. info/requirements:

Registration

Registration opening date: 01/10/2022

Registration closing date: 01/12/2022

To register for this micro-credential, follow the registration requirements of the corresponding university as specified here ("How do I sign up"): www.euroteq.eu/microcredentials-registration.

Administration

Number of places: N/A

Minimum participants: N/A

Contact: cnor@dtu.dk

Internal course code: 42430

This course is a micro-credential developed by EuroTeQ Engineering University, a collaborative activity of the partner universities DTU, L'X, TU/e, TalTech, CTU and TUM. It is the responsibility of the participant to check if you fulfil the requirements to participate in a specific course, as specified in the description. When the course is completed successfully, participants will be awarded the EuroTeQ micro-credential, evidencing the learning outcomes. For further information about EuroTeQ Engineering University, visit www.euroteq.eu or get in touch with the above-mentioned point of contact.