# Project Management for Engineers

<table>
<thead>
<tr>
<th>Module-No./Abbreviation</th>
<th>Credits</th>
<th>Workload</th>
<th>Term</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE-W07</td>
<td>4 CP</td>
<td>120 h</td>
<td>2nd Sem.</td>
<td>Summer term</td>
<td>1 Semester</td>
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<thead>
<tr>
<th>Courses</th>
<th>Contact hours</th>
<th>Self-Study</th>
<th>Group Size:</th>
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<tbody>
<tr>
<td>Project Management for Engineers</td>
<td>4 SWS (60 h)</td>
<td>60 h</td>
<td>No Restrictions</td>
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## Prerequisites
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## Learning goals / Competences:
After successful completion of the module students are able to

- select and apply common methods for Ideation in projects, classic and agile project management, stakeholder management and project communication
- select and apply the appropriate (software) tools
- understand and apply the basics of change management
- plan and document projects and sustainably secure results

## Content
The course introduces students to the content of common methods and tools of classic and agile project management with a strong practical orientation. Over the course of a semester, the following topics are addressed and practically applied using also examples provided by the students:

- Ideation methods, theory and application
- Basics of classic and agile project management, common methods and tools
- Focus on: business model canvas for projects, stakeholder mapping and RACI as well as change communication, both theoretically and in application, also for topics without classic project organisation
- Risk management, project risk mapping
- Project cost accounting

## Teaching methods / Language
- Lecture (2.5 SWS)
- Exercise 1.5 SWS
- Moodle course with voluntary weekly assignments (details will be announced in the course)

## Mode of assessment
- Graded seminar paper in the form of a project report

## Requirement for the award of credit points
- Passed final module exam: Seminar paper (100%)

## Module applicability
- MSc. Computational Engineering

## Weight of the mark for the final score
- 

## Module coordinator and lecturer(s)
- Dr. Nora Cavara

## Further information