Project Work

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Module number	Credits	Workload	Semester[s]	Duration	Group size
SE-C-6	4 CP	120 h	3. Sem.	1 Semester[s]	no limitation

Courses	Contact hours	Self-study	Frequency
a) Project Work		a) 120 h	a) each winter

Module coordinator and lecturer(s)

All professors of the study program

a) Professors, Lecturers and Assistants

Admission requirements

Learning outcome, core skills

After completion of the project work, the students

- will have gained experience in working on a problem individually or in small groups.
- are able to organize and Coordinate the assignment of tasks independently under the supervision of an advisor.
- should have gathered new information and insights into the activities of practicing engineers while acquiring skills in innovative research fields.
- will be able to present technical projects, and to develop problem solution strategies and will hence also obtain worthwhile communication skills.

Contents

a)

The project topic is usually determined by the respective lecturer or one of his/her assistants. In addition to this, students may also conduct project work on topics defined by companies from industry or other equivalent institutions. However, the project work must be completed under the supervision of one of the lecturers from the study program Subsurface engineering. The student -or a small group of students - conducts a project independently and presents the results in the form of a written report and optionally, an oral presentation (upon agreement with the respective lecturer). The projects are usually devised so as to integrate interdisciplinary aspects such as

- Noticing problems and describing them
- Formulating envisaged goals
- Team-oriented problem solutions
- Organizing and optimizing one's time and work plan
- Interdisciplinary problem solutions
- Literature research and evaluation as well as the consultation of experts
- Documentation, illustration and presentation of results

Educational form / Language

a) / English / German

Examination methods

• Term paper 'Project Work' (120 h., Part of modul grade 100 %, Oral Presentation (20 min))

Requirements for the award of credit points

The project paper and presentation will be graded. For this purpose, the individual achievements of the students within the project groups are separately evaluated. The evaluation includes: Written report / 75% (100% without a final presentation) and Final presentation / 25% (optional)
Module applicability • M.Sc. Subsurface Engineering
Weight of the mark for the final score Percentage of total grade [%] = 4 * 100 * FAK / DIV FAK: The weighting factors can be taken from the table of contents. DIV: The values can be taken from the table of contents.
Further Information