Keywords:
Project management, team work, guided scientific and engineering-based work, self-learning, presentation

Target group(s):
4. Semester

Workload:
5 ECTS-Credits 150 Hours
thereof
Contact hours 35 Hours
Self study 115 Hours

Language of instruction:
german (english optionally)

Module owner:
Studiendekan der Fakultät Maschinenbau

Date:
20.2.2012

Prerequisites:
Understanding of mechanical engineering fundamentals (modules semester 1 to 3)

Module aims:
Consolidating of previously acquired knowledge and skills in engineering science in a course-specific project work.

Module content:
A team of 3 to 4 students perform under supervision a course-specific project work, using the methods of scientific and engineering-based working, project management and appropriate presentation techniques.

Reference material:

Offered:
each semester

Content and type of Assessment:
Project Work 1:
Form of learning: Lectures with follow-up work and exam-preparation,
Semester periods per week: 2 SWS,
Estimated student workload: 150 Hours,
Aims, learning outcomes: Self-employed scientific and engineering-based team work on a course related challenge, documentation, presentation.

Assessment:
Report, presentation,
Midterm: 2 Midterm presentations