phy681 - Tools and Skills for Scientific Engineering

Module label: Tools and Skills for Scientific Engineering
Module code: phy681
Credit points: 6.0 KP
Workload: 180 h
Used in course of study: Master's Programme Engineering Physics > Pflichtmodule
Contact person: Module responsibility
- Simon Doclo
- Walter Neu

Entry requirements: Acc. selected course
Skills to be acquired in this module:
This module aims to raise the students understanding of the strategic, leadership, and technical aspects of project management and their role in adding competitive advantage to any enterprise. Concepts and techniques for programme and project management are introduced, developed and applied, with the aid of relevant case material.
The students learn to consider specific key instrument types in current usage. This will be delivered in a project study format with each instrument being evaluated in terms of operating principle, design, and signal processing.

Module contents: Acc. selected course
Reader's advisory: Acc. selected course
Links: German, English
Duration (semesters): 1 Semester
Module frequency: halbjährlich
Module capacity: unlimited
Module level: MM-PB (Professionalisierungsbereichsmodul im Master)
Modulart: Wahlpflicht
Lern-/Lehrform / Type of program: Acc. selected course
Vorkenntnisse / Previous knowledge:

Examination:
Time of examination:
Type of examination: Acc. selected course

Course type: Seminar
SWS:
Frequency:
Workload attendance: 0 h