Course Description  Application Project

Keywords: independent scientific research, project work

Target Group: 6th Semester SWB  Module Number: SWB 645

Workload: 5 ECTS  Module Number: SWB 645

Divided into: Contact time 5 h
Self-study 135 h
Exam preparations 10 h

Course language: German or English
Module director: Prof. Dr.-Ing. Reinhard Schmidt

Valid from: 01.03.2014

Requirements:
Completion of the first study sequence

Overall Aims of the Module:
That students gain the ability to explore new engineering questions in the realm of informatics, to understand scientific and technical advancements, and to follow these ideas in the future.

The following courses contribute to the overall aims of this module:
- Required and elective courses
- Application Project
- Internship

Aim of this course:
Students will be capable of independently completing scientific research.

Contents:
For the Application Project, the student will work with an advisor during the term on an informatics topic, with an emphasis on engineering approaches.

Literature:
Lutz Hering, Heike Hering: Technische Berichte, Vieweg.

Offered:
Every semester

Submodules and Assessment:
Type of instruction/learning: Project Work
Type of assessment: Report and presentation
Estimated student workload: 150 hours

Learning outcomes:
Students should be able to independently complete scientific research.

Overall Assessment:
Report and graded presentation

Valid from 01.03.2015  Hochschule Esslingen - University of Applied Sciences