Academic internship

Prerequisites:
An academic internship agreement approved by the company, an AAU supervisor and the study board for electronics and it (ESN).

The academic internship must have a scope that correspond the ECTS load.

Purpose:
The student stays in a company with the purpose of learning and applying theories and methods to address engineering problems in an industrial context. In addition, the student will be introduced to business procedures and policies.

Objectives:
After completing the module, the student should have the following knowledge, skills and competencies:

Knowledge
• Has knowledge about the organization of the company and business procedures and policies.
• Has knowledge about performance measures in the company.
• Has developed a fundamental business sense.
• Has knowledge of the competence profile of the program and how the academic internship contributes to the competence profile.
• Has gained deepened knowledge into engineering theories and methods within the program.

Skills
• Can initiate and ensure the completion of an agreement for the academic internship, with learning objectives corresponding to the semester at the master’s program.
• Can apply analytic, methodological and/or theoretic skills to address advanced engineering problems in an industrial context.
• Can contribute in a professional manner to company objectives as an individual and in teams in accordance with the project management model applied in the company.
• Can collaborate and communicate with peers, managers and others.
• Can document the academic internship in a report and defend it orally.

Competencies
• Can discuss and reflect on the learning outcomes of the academic internship.
• Can discuss the need for knowledge transfer between academia and industry.
• Has a deepened understanding of the academic interests to pursue in the master’s thesis and possible job positions to aim at after graduation.

Type of instruction:
Project work

Exam format:
Oral examination based on a written report.

Evaluation criteria:
As stated in the Framework Provisions.

ECTS: 20, 25 or 30 (dependent on the number of courses on the semester)
Assessment: 7-point scale
Exam: Internal