JÖNKÖPING UNIVERSITY
Jönköping International Business School

COURSE SYLLABUS

Internship in Engineering Management, 7.5 credits

Internship in Engineering Management, 7.5 högskolepoäng

Course Code:	JIMS24	Education Cycle:	Second-cycle level
Confirmed:	Oct 06, 2025	Disciplinary domain:	Social sciences (75%) and Natural sciences (25%)
Valid From:	Jan 19, 2026	Subject group:	Business Administration
		Specialised in:	A1F Second cycle, has second-cycle course/s as entry requirements
		Main field of study:	General Management

Intended Learning Outcomes (ILO)

On completion of the course the student will be able to:

Knowledge and understanding

1. Understand the meaning of "reflective practice" and implement relevant aspects of the concept in course assignments.

Skills and abilities

2. Collaborate and communicate with peers in the daily activities in an engineering-focused company.
3. Follow instructions and carry out defined activities within given time frames, in an engineering-focused company.
4. Identify opportunities and/or challenges related to engineering management in a specific organizational setting and provide suggestions of how to approach and/or overcome these.
5. Apply academic literature to gain a deeper understanding of practical situations.

Judgement and approach

6. Critically and independently reflect on the boundaries between theory and practice as well as different aspects – challenges and/or opportunities – connected to engineering management.
7. Critically assess own behavior and its consequences, as well as the behavior of others, in different types of situations during practical work.
8. Reflect on his/her own learning process as well as the development of knowledge in a practical setting, relating to the notion of the "reflective practitioner".

Content

The internship course is designed to allow students the opportunity of translating prior learning and experiences into practice. In addition, the course facilitates in developing the students' ability to work both independently and in collaboration with others. The course builds on student placement in an existing or emerging company, or other relevant organization (for a minimum of 5 weeks). By engaging in pre-defined assignments, relevant for the study programme, the student implements his/her current knowledge, skills and approaches in a digital context.

Connection to Research and Practice

Students are immersed in practice during this course, spending at least five weeks as organizational members in an engineering-focused company. The internship report requires students to reflect on research related to a given management issue and assess the ability of extant theory to explain their experiences.

Type of instruction

The course is based on practical work combined with reflective tasks conducted by the student in response to experiences in the internship.

Prior to the course, students interact with the examiner to get approval of the internship assignment (including specification of the work tasks assigned in the internship organization and area of in-depth learning).

*During the course s*tudents are supervised by dedicated company representative(s) in parallel to writing reflective reports (field note reflection).

Field note reflection: During the time of the internship each student should take field notes about experiences, things and challenges they observe related to engineering management. Drawing on these field notes students should critically reflect on how practice mirrors what they have studied in previous courses and whether they recognize gaps in their knowledge and skills portfolio. Students should submit four such reflections to their internship teacher during the internship.

At the end of the course a written business report concludes examination.

Business report: Each student writes a report with the aim of analyzing and generating new insights related to engineering management in view of the internship project they have completed. To facilitate a frame of reference and analyses, students should study research-based literature. The report should be well structured and fulfil the scientific standards required by JIBS.

Language of instruction is in English.

Entry requirements

Bachelor's degree (i.e the equivalent of 180 credits at an accredited university) with at least 90 credits in engineering (or the equivalent). At least 20 credits at advanced level in General Management, representing courses on the Engineering Management programme at JIBS (or equivalent). English proficiency is required.

Examination and grades

The course is graded Pass (G) or Fail (U).

Internship in Engineering Management – written submission (ILOs: 1, 2, 3, 4, 5, 6, 7, and 8) representing 7,5 credits.

All examination is individual.

The course grade is determined by the field-notes and the Business report.

All parts of the compulsory examination in the course must receive a passing grade before a final grade can be set. Grades are set in accordance with JIBS grading policy.

Registration of examination:

Name of the Test	Value	Grading
Internship in Engineering Management – written submission	7.5 credits	G/U

Course evaluation

It is the responsibility of the examiner to ensure that each course is evaluated. At the outset of the course, the programme evaluators in the course must be contacted. In the middle of the course, the examiner should meet the programme evaluators to identify strengths/weaknesses in the first half of the course. At the end of the course, the examiner should remind students to fill in the survey. The examiner should also call a meeting with the programme evaluators to debrief the course, based on course evaluation data and comments. The next time the course runs, students should be informed of any measures taken to improve the course based on the previous course evaluations. At the end of each study period, JIBS' Director of Quality and Accreditation crafts a "Course Evaluation Quarter Report", presenting the quantitative results from course evaluation surveys. The Associate Dean of Education, The Associate Deans of Faculty, Programme Directors, and JSA President and Quality receive the report.

Other information

Academic integrity

JIBS students are expected to maintain a strong academic integrity. This implies to behave within the boundaries of academic rules and expectations relating to all types of teaching and examination.

Copying someone else's work is a particularly serious offence and can lead to disciplinary action. When you copy someone else's work, you are plagiarising. You must not copy sections of work (such as paragraphs, diagrams, tables and words) from any other person, including another student or any other author. Cutting and pasting is a clear example of plagiarism. There is a workshop and online resources to assist you in not plagiarising called the Interactive Anti-Plagiarism Guide.

Other forms of breaking academic integrity include (but are not limited to) adding your name to a project you did not work on (or allowing someone to add their name), cheating on an examination, helping other students to cheat and submitting other students work as your own, and using non-allowed electronic equipment during an examination. All of these make you liable to disciplinary action.

Course literature

Please note that changes may be made to the reading list up until eight weeks before the start of the course.

Schön D.A, 1987, *Educating the Reflective Practitioner,* San Francisco: Jossey Bass, p. xi .

Moon, J. (2004). *A Handbook of Reflective and Experiential Learning: Theory and Practice. New York* : RoutledgeFalmer.