



HÖGSKOLAN I GÄVLE

Industrial Project Management 6 cr

Industriell projektledning 6 hp

Set by Faculty of Engineering and Sustainable Development

Version

Set at

Valid from

10/8/14

HT2015

Level	A1N
Education level	Second cycle
Course identifier	IEA010
Credits	6 cr
Main field of study	Industrial Economics
Subject group	Industrial Engineering and Management
Disciplinary domain	Technology 100.0 %

Learning outcomes After completion of the course, the student shall be able to

Knowledge and understanding

1. identify and discuss current principles and characteristics of industrial project management
2. compare project methods and techniques for systematic analysis of industrial project management in case companies

Competence and skills

3. independently apply and critically analyse time- and resource management tools for systematic project diagnostic in industrial companies

Judgement and approach

4. make independent critical assessment and discuss the complexity of current industrial project management research.

Course content Characteristics of industrial project
Principles of project management
Time and schedule management
Project duration diagnostics

Schedule compression techniques
Resource analysis and management
Techniques for project forecasting
Six sigma and lean project management
Project risk analysis
Project economic analysis

Project and organisations
Managing the project team
Managing beyond the team

Teaching	Lectures, literature seminars, individual and group assignments
Prerequisites	Bachelor Degree within the area of Industrial Management or equivalent.
Examination	Analysis of article and seminar, written examination and project work
Grade	A, B, C, D, E, Fx, F
Other regulations	Criteria for final grade will be handed out at the beginning of the course.
Sustainable environment	It is possible to include content with sustainable development in this course in the future..

Module

0010	Analysis of article and seminar	1 cr	Grade: AF
0020	Written examination	2.5 cr	Grade: AF
0030	Project work	2.5 cr	Grade: AF