



KURSPLAN

Utmaningsdrivet utvecklingsarbete, 5 högskolepoäng

Challenge Driven Operations Development (C-dod), 5 credits

Kurskod:	TUUR21	Utbildningsnivå:	Avancerad nivå
Fastställd av:	VD 2020-06-01	Utbildningsområde:	Tekniska området
Reviderad av:	Utbildningschef 2020-11-05	Ämnesgrupp:	FE1
Gäller fr.o.m.:	2021-01-01	Fördjupning:	A1N
Version:	2	Huvudområde:	Produktionssystem

Lärandemål

After a successful course, the student shall

Kunskap och förståelse

- display knowledge of theories that enhance the understanding of conditions for challenge-based development work
- display knowledge of theories that enhance the understanding of goal setting in challenge-based development work
- display knowledge of theories that enhance the understanding of strategies to implement challenge-based development

Färdighet och förmåga

- demonstrate the ability and skill to analyze conditions, goal setting and implementation of strategies for challenge-based development work

Värderingsförmåga och förhållningssätt

- demonstrate the ability to reflect upon challenges and opportunities related to the implementation of challenge-based operation development

Innehåll

Within the area of operation management there exist numerous challenges related to the development of efficiency and effectiveness. In this course methodological strategies addressing challenge-based operations development are explored.

The course includes the following main elements:

- The systematic analysis of conditions that drives challenge-based development work in operation management
- The systematic analysis of goal setting in challenge-based development work in operation management.
- The systematic analysis of implementation strategies related to challenge-based development work in operation management.

Undervisningsformer

Lectures, seminars, and exercises.

Undervisningen bedrivs på engelska.

Förkunskapskrav

The applicant must hold the minimum of a bachelor's degree (ie. the equivalent of 180 ECTS credits at an accredited university) with at least 90 credits in Mechanical Engineering, Industrial Engineering and Management or Civil Engineering or equivalent, and 15 credits Mathematics. English Language requirements corresponding to English 6 in the Swedish upper secondary school (or the equivalent). The applicant must also have 1 year of qualified work experience. It is possible to apply for exemption from a bachelor's degree and 15 credits Mathematics if the applicant has at least 5 years of qualified work experience.

Examination och betyg

Kursen bedöms med betygen Underkänd eller Godkänd.

The final grade will only be issued after satisfactory completion of all assessments.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Övningsuppgift	2 hp	U/G
Seminarium	3 hp	U/G

Kurslitteratur

The literature list for the course will be provided one month before the course starts.

Hoshin Kanri – Innovativ ledning av strategiarbete (there will be an available pdf version in English)

Anders Melander

Studentlitteratur

ISBN – 978-91-44-13520-5