



## KURSPLAN

# Leading Sustainable Operations, 7,5 högskolepoäng

### *Leading Sustainable Operations, 7.5 credits*

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<b>Kurskod:</b>	TSOR22	<b>Utbildningsnivå:</b>	Avancerad nivå
<b>Fastställd av:</b>	VD 2021-03-01	<b>Utbildningsområde:</b>	Tekniska området
<b>Gäller fr.o.m.:</b>	2022-01-01	<b>Ämnesgrupp:</b>	IE1
<b>Version:</b>	1	<b>Fördjupning:</b>	A1N
		<b>Huvudområde:</b>	Produktionssystem

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### Lärandemål

After a successful course, the student shall

#### Kunskap och förståelse

- display knowledge of group dynamics and resistance in leading operations through different work processes
- display knowledge of how work processes and disruptions in sustainable operations affect human cognitively and emotionally
- demonstrate comprehension of identifying disturbances in operations as learning potentials in the organization

#### Färdighet och förmåga

- demonstrate communication skills in leading consensus building processes through involvement, participation, and active engagement in work processes within operations
- demonstrate the ability to use methods and tools in leading meetings and development processes on the group level in operations
- demonstrate the ability to reflect on own and others' behaviour in relation to competence development in work processes

#### Värderingsförmåga och förhållningssätt

- demonstrate the ability to analyze the situation and taking role in leading sustainable operations
- demonstrate an understanding of leading sustainable operations through cross functional and multi-cultural context
- demonstrate an understanding of how feed-back processes, autonomy and involvement influence human motivation and performance for social sustainability

### Innehåll

The course includes theories and methods for leading sustainable operations through interpersonal communication, involvement, group dynamics and awareness of how disturbances in flow can be seen as learning potentials for development in the organization.

- Interpersonal communication
- Motivation and performance
- Competence development in work processes
- Diversity and group dynamics
- Role analysis and conscious communication
- Feed-back, psychological safety and empathy
- Social sustainability in operations management
- Unfreeze in change management
- Situational leadership
- Reactive, responsive, and proactive behavior
- Organizational learning and flow thinking

### Undervisningsformer

Lectures, seminars, and communication training sessions are course activities.

Undervisningen bedrivs på engelska.

### Förkunskapskrav

Passed courses of at least 90 credits within the major subject industrial engineering and management, mechanical engineering, civil engineering, computer engineering (or the equivalent), and 15 credits in mathematics. Proof of English proficiency is required.

### Examination och betyg

Kursen bedöms med betygen 5, 4, 3 eller Underkänd .

The final grade for the course is based on a balanced set of assessments. 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
Examination	4,5 hp	5/4/3/U
Kursarbete	3 hp	5/4/3/U

### Kurslitteratur

The literature list for the course will be provided two months before the course starts.