



KURSPLAN

Deliver: Strategy, Planning and Operations, 7,5 högskolepoäng

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Kurskod:	TDSS22	Utbildningsnivå:	Avancerad nivå
Fastställd av:	VD 2021-03-01	Utbildningsområde:	Tekniska området
Reviderad av:	Utbildningschef 2023-11-15	Ämnesgrupp:	IE1
Gäller fr.o.m.:	2025-01-01	Fördjupning:	A1F
Version:	4	Huvudområde:	Produktionssystem

Lärandemål

After a successful course, the student shall

Kunskap och förståelse

- display knowledge of implications of digitalisation and connectivity for planning and operation
- demonstrate comprehension of the characteristics of supply chain operations management and its role for planning and operation

Färdighet och förmåga

- demonstrate skills of problem identification, analysis and decision making within planning and operation
- demonstrate the ability to apply different methods and tools relevant for planning and operation
- demonstrate the ability in speech and writing to clearly report and discuss own conclusions and the knowledge and arguments on which they are based
- demonstrate the ability to lead, participate and collaborate effectively in teams toward goals

Värderingsförmåga och förhållningssätt

- demonstrate the ability to critically analyse the impact planning and operation has on economic, social and ecological sustainable development

Innehåll

The course includes:

- Planning and control
- Capacity management
- Materials management
- Supply chain management

Undervisningsformer

The teaching is given as lectures and seminars.

Undervisningen bedrivs på engelska.

Förkunskapskrav

The applicant must hold the minimum of a bachelor's degree (i.e the equivalent of 180 ECTS credits at an accredited university) in engineering or technology. The bachelor's degree should comprise a minimum of 15 credits in mathematics, and taken course Introduction to Supply chain operations management, 7.5 credits or the equivalent. Proof of English proficiency is required.

Examination och betyg

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

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
Skriftlig tentamen ¹	4 hp	5/4/3/U
Kursarbete	3.5 hp	U/G

¹ Bestämmer kursens slutbetyg vilket utfärdas först när samtliga moment godkänts.

Kurslitteratur

The literature list for the course will be provided 8 weeks before the course starts.

Slack, N., Brandon-Jones, A. and Burgess, N. (2022) Operations management, 10th ed., Pearson, Harlow, UK

Diverse artiklar tillkommer också under kursens gång.