Course Syllabus

Logistics supporting defence systems

Logistik för försvarssystem

Course Code	2MF007	**Main Field of Study**	Systems Science for Defence and Security
Valid from Semester	Autumn 2019	**Department**	Department of Military Studies
Education Cycle	Advanced level	**Subject**	Systems Science for Defence and Security
Scope	7.5	**Language of Instruction**	The teaching language is English. However, the teaching could be carried out in Swedish should the person responsible for the course so decide.
Progression	A1N	**Decided by**	The Research and Education Board's Course Syllabus Committee at the Swedish Defence University
Grading Scale	Fail, Pass, Pass with Distinction	**Decision date**	2019-01-28
Revision	1.1		

Entry Requirements

Admitted to the Master's Programme in Defence and Security Systems Development. For freestanding courses: Degree of Bachelor of Science in Military Studies or an engineering degree covering a minimum of 180 HE credits.

Course Content and Structure

The course builds on the course Concept Development and Systems Engineering and is a specialisation in the field of logistical support to ensure the availability and maintenance of defence systems.

The course will consist of three modules:

- Organic Logistics in Defence Forces
- Business Models for Logistics, including procurement availability, leased systems, maintenance contracts, in-house solutions.
- Maintenance Planning, including its various subdivisions.

Intended Learning Outcomes

After completed course the student should be able to:

- analyse and compare various models for organic logistics;
- independently and critically apply methods and models for maintenance planning; and
- problematise and evaluate various business models for defence logistics.

Type of Instruction

The first and second modules will be conducted in the form of lectures and independent studies. The third module will be conducted as an in-depth field study of a technical system.

Assessment

Examination

Scope: 7.5

Grading Scale: Fail, Pass, Pass with Distinction

Examination will be conducted through compulsory participation in group work and the submission of a written field study report.

The examiner may decide to request supplementation in order to achieve a passing grade. Examination papers submitted after the closing date will not be graded unless special circumstances exist that are acceptable to the examiner.

Grading

Grades are set according to a three-grade scale: Pass with merit (VG), Pass (G) and Fail (U).

In order to achieve a pass (G) for the course, the student is required to participate actively in compulsory elements and obtain a pass (G) for the written field study report.

A pass with merit (VG) requires a pass with merit (VG) for the written field study report.

Grading criteria are stated in the course description.

Supplementation shall be submitted no later than five working days after the result and supplemental task for the examination in question have been notified, unless special circumstances exist that are acceptable to the examiner.

Restrictions in Number of Examinations

There is no limit on the total number of examination opportunities.

Restrictions Concerning Degree

The course cannot be part of a degree whose content is wholly or partly in accordance with the content of this course.

Transitional Provisions

When a course is no longer provided or when the content of a course has been significantly altered, the student retains the right to be examined in accordance with this course syllabus once per term during a three-term period.

Miscellanous

The course is an elective course in the Master's Programme in Defence and Security Systems Development and may also be held as a freestanding course.

On the completion of the course, an evaluation will be conducted under the auspices of the course director, which will form the basis for any changes to the course.

If the student has a decision from the Swedish Defence University stating the need for extra pedagogical support because of a functional disability, the examiner may decide on alternative examination forms for the student.

This is a modified version of the syllabus, created to transfer the original to the education database Kursinfo. For originals, contact the archive.

Reading List

Logistics supporting defence systems

Logistik för försvarssystem

Course Code	2MF007
Revision	1.1
Reading List Valid from Date	2019-01-28
Reading List Decided Date	2019-01-28

Literaturelist 2MF007 Logistics

Other Information

Blanchard, B. S. (2013). Logistics Engineering and Management: Pearson New International Edition (e-bok). Pearson Education Limited, ISBN 9781292051994 (424 sidor)

Ekström, T. (2012). Public Private Business Models for Defence Acquisition: A Multiple Case Study of Defence Acquisition Projects in the UK. (Licietiate), Lund University, Lund. (Nedladdning DiVA) (valda delar)

Kress, M. (2015). Operational Logistics: The Art and Science of Sustaining Military Operations. 2nd ed. Springer International Publishing AG. ISBN 9783319226736 (221 sidor)

Markowski, S., Hall, P., & Wylie, R. (Eds.). (2010). Defence Procurement and Industry Policy, A small country perspective (e-bok) Milton Park: Routledge, ISBN 9780203013694 (416 sidor)

In addition to these, there will be reference literature:

Milstd 1388

Def Stan 00-600

Articles that will be determined in connection with the detailed development of the course (will be available on Kanvas)