

**Curriculum at LAB University of Applied Sciences
2025-2026**

**Bachelor of Engineering, Industrial Mechanical Engineering
25S, Double Degree, Lappeenranta**

Code	Name	1 y	ECTS total
TLPRMECDD25S-1001 CORE COMPETENCE			60
TLPRMECDD25S-1002 Professional Competence			30
AT00CZ61	Engineering Design	30	30
TLPRMECDD25S-1003 Cultural Approach			6
K200CE69	Finnish 1	3	3
K200CE70	Finnish 2	3	3
TLPRMECDD25S-1009 Practical Training			10
HA00CZ65	Practical Training		0
TLPRMECDD25S-1005 Thesis			30
AT00CZ66	Thesis		0
TLPRMECDD25S-1006 COMPLEMENTARY COMPETENCE			0
TLPRMECDD25S-1007 LUT University Studies			0
TLPRMECDD25S-1008 Studies IIT / SSE Program			0

TLPRMECDD25S-1001 CORE COMPETENCE: 60 ECTS

TLPRMECDD25S-1002 Professional Competence: 30 ECTS

AT00CZ61 Engineering Design: 30 ECTS

Learning outcomes

The student is able to:

- tackle range of challenges

TLPRMECDD25S-1003 Cultural Approach: 6 ECTS

K200CE69 Finnish 1: 3 ECTS

Learning outcomes

The student is able to

- identify and use the course vocabulary and phrases for common everyday situations
- tell about oneself and understand basic questions
- read and write simple sentences related to the course topics.

Proficiency level: A1

K200CE70 Finnish 2: 3 ECTS

Learning outcomes

The student is able to

- communicate in most common everyday situations
- understand slowly and clearly spoken Finnish when the topic and the vocabulary are familiar
- understand and write a simple message or text
- use the basic vocabulary and some grammatical structures of Finnish.

Proficiency level: A1

Prerequisites

Finnish 1 or similar skills

TLPRMECDD25S-1009 Practical Training: 10 ECTS

HA00CZ65 Practical Training: 30 ECTS

Learning outcomes

The student is able to:

- describe work-related phenomena and use related concepts
- act in a productive way, following the practices of the workplace and the ethical principles of the profession
- use the techniques, work methods, models and processes that they have learnt
- act in a customer-oriented way in interactive situations in the workplace and in the cooperation network
- evaluate and develop their own competence in the work done in practical training

TLPRMECDD25S-1005 Thesis: 30 ECTS

AT00CZ66 Thesis: 30 ECTS

Learning outcomes

The student is able to:

- describe the objectives and core contents of their thesis
- plan and describe the stages of the thesis process
- take into account the possible research permit and copyright issues
- implement the thesis on the basis of an approved thesis plan
- present the results or output of their thesis
- report on their thesis in writing in accordance with the thesis guidelines of LAB University of Applied Sciences
- write a maturity test.

TLPRMECDD25S-1006 COMPLEMENTARY COMPETENCE: 0 ECTS

TLPRMECDD25S-1007 LUT University Studies: 0 ECTS

TLPRMECDD25S-1008 Studies IIT / SSE Program: 0 ECTS