

Curriculum at LAB University of Applied Sciences 2024-2025

Master of Engineering, Regenerative Leadership 24S, online studies

Code	Name	1 y	2 y	ECTS total
TLTIYUJT24SV-1001 Core competence				10
YY00CV90	Transformational Leadership	5		5
YY00CV71	Strategic leadership in the future	5		5
TLTIYUJT24SV-1002 Complementary competence				20
YH00CX38	Research-based development of working life	5		5
LA00BO46	Work community management	5		5
LA00BO49	Lean-Thinking in Developing Operations	5		5
AT00CX21	Sustainable Process and Project Management	5		5
LA00BO48	Innovation Management	5		5
YY00CB89	Data Analyzation and Visualization	5		5
YL00CI12	Digital Transformation Management	5		5
YH00CC93	Competence Management	5		5
TLTIYUJT24SV-1003 Thesis				30
YO00BU70	Thesis Planning	10		10
YO00BU71	Thesis Project and Reporting	20		20

TLTIYUJT24SV-1001 Core competence: 10 ECTS

YY00CV90 Transformational Leadership: 5 ECTS

Learning outcomes

The student is able to

- identify the current phenomena, theories and models of management and follow the current discussion on management and working life
- identify the prerequisites and means for successful change management
- interpret and develop innovative culture in an organisation to promote organisational change

YY00CV71 Strategic leadership in the future: 5 ECTS

Learning outcomes

The student is able to

- identify the future trends and changes in one's own field as a part of strategic work
- develop different strategies for achieving organisational goals
- create solutions to implement and evaluate the chosen strategy

TLTIYUJT24SV-1002 Complementary competence: 20 ECTS

YH00CX38 Research-based development of working life: 5 ECTS

Learning outcomes

After completing the Research-based development of working life study course (5 ECTS), a student will be able to:

- to plan and implement working life-oriented research-based development activities
- identify and develop the development needs of working life with the help of appropriate research and methods
- use research data suitable for the development of working life and evaluate its quality
- report and evaluate the impact and effectiveness of research-based development activities

LA00BO46 Work community management: 5 ECTS

Learning outcomes

The student is able to

- critically evaluate and develop the effectiveness of the work community
- take on the responsibility of a manager for difficult situations and finding solutions for them in the work community
- develop interaction and communication in their management work and the work community
- operate as a manager in an ethically sustainable manner

LA00BO49 Lean-Thinking in Developing Operations: 5 ECTS

Learning outcomes

The student is able to

- become familiar with continuous improvement principles
- become familiar with the key principles of quality and Lean management
- apply Lean's key tools in developing operations

AT00CX21 Sustainable Process and Project Management: 5 ECTS

Learning outcomes

The student is able to

- explain main sustainability definitions and methods of the process and project management
- analyse the status of the organisation's process management and plan how the operations and processes can be developed according to the sustainability principles
- plan and implement organisation's development project applying the sustainability principles

LA00BO48 Innovation Management: 5 ECTS

Learning outcomes

The student is able to

- explain the relevant concepts of innovation and innovation process
- drive the innovative processes and creatively overcome the impediments of innovation, in or between, organizations and the emerging business opportunity

- use different idea generation tools

YY00CB89 Data Analyzation and Visualization: 5 ECTS

Learning outcomes

The student is able to

- examine the properties of the data in terms of further processing
- utilize mathematical methods in data analysis
- utilize a modern statistical tool
- visualize data and analysis in a way that utilizes further processing
- produce a reproducible research

YL00CI12 Digital Transformation Management: 5 ECTS

Learning outcomes

The student is able to

- analyze the relationship between strategy and digital transformation
- assess the impact of digital solutions on business processes and human operations
- plan the realization, measurement, and management of digital transformation

YH00CC93 Competence Management: 5 ECTS

Learning outcomes

The student is able to

- assess and set objectives for individual's competence and competence potential based on individual and organisational needs
- identify, assess and develop unit and organisational level competences and competence potential
- use knowledge and competence sharing models and tools

TLTIYUJT24SV-1003 Thesis: 30 ECTS

YO00BU70 Thesis Planning: 10 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.

YO00BU71 Thesis Project and Reporting: 20 ECTS

Learning outcomes

The student is able to

- 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
- as a maturity test, write a blog post, a press release or an article.