# **Curriculum at LAB University of Applied Sciences** 2018-2019

# Master of Engineering, Civil Engineering, Lappeenranta

Code	Name	ECTS total
RAKK18Y	Master of Engineering, Civil Engineering, Lappeenranta	60
<b>RAKK18Y-1001</b>	PROFESSIONAL STUDIES	20
YTE0052	BIM-based Building Process	5
YTE0053	Comprehensive Understanding of the Building Process	5
YTE0055	Special Project in Civil Engineering	5
YAMK001	Research, development and innovation methods	5
RAKK18Y-1004 OPTIONAL STUDIES		10
YAMK002	Communication for managers	5
YLI0060	Management in a Changing Business Environment	5
YTE0044	Special Course of Structural Mechanics	5
RAKK18Y-1005 THESIS		30
OTTEKUY01	Opinnäytetyöprosessi ja seminaarit	5
OTTEKUY02	Opinnäytetyön toteuttaminen ja raportointi	25

RAKK18Y Master of Engineering, Civil Engineering, Lappeenranta: 60 ECTS

**RAKK18Y-1001 PROFESSIONAL STUDIES: 20 ECTS** 

YTE0052 BIM-based Building Process: 5 ECTS

Learning outcomes

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YTE0053 Comprehensive Understanding of the Building Process: 5 ECTS

Learning outcomes

YTE0055 Special Project in Civil Engineering: 5 ECTS

**Learning outcomes** 

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## YAMK001 Research, development and innovation methods: 5 ECTS

#### **Learning outcomes**

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## **RAKK18Y-1004 OPTIONAL STUDIES: 10 ECTS**

# YAMK002 Communication for managers: 5 ECTS

#### **Learning outcomes**

Proficiency level in Finnish: C2

The student is able to

- -use various digital services and tools in their own work
- -understand the opportunities in social media
- -give speeches and have conversations required in managerial positions
- -write professional texts on various platforms
- -analyze and enhance their own managerial skills

# YLI0060 Management in a Changing Business Environment: 5 ECTS

# **Learning outcomes**

Muutosjohtamisen osaaminen ja esimiestyön valmiudet dynaamisessa toimintaympäristössä. Työyhteisön dynamiikka ja organisaation kyvykkyys muutokseen ja uudistumiseen.

## YTE0044 Special Course of Structural Mechanics: 5 ECTS

Learning outcomes

RAKK18Y-1005 THESIS: 30 ECTS

OTTEKUY01: 5 ECTS

OTTEKUY02: 25 ECTS