

**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
RAKK18Y-1001 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

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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

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RAKK18Y-1005 THESIS: 30 ECTS

OTTEKUY01 : 5 ECTS

OTTEKUY02 : 25 ECTS