# Modules for group BECOP18A3 in academic year 2018-2019

## Module 1 - Operating Environment of Building Trade 18 cr
- Learning Practices 2 cr
- Occupational Safety 1 cr
- Algebra 2 cr
- Geometry 1 cr
- Building Plans, Structural Designs and Mass Calculation 5 cr
- Basics in Building Physics 2 cr
- Planning and Completion of a Building Project 3 cr
- Finnish 1 1 cr
- Academic English 1 cr

## Module 2 - Land Use Planning and Building Materials 17 cr
- Basics of Land Use, Surveying Technology and Soil Mechanics 5 cr
- Building Materials 2 cr
- Basics in Geotechnics and Earthworks 3 cr
- Basics in Building Planning and Structural Design 1 cr
- Building Chemistry 2 cr
- Planning and Completion of a Building Project 2 cr
- Finnish 2 2 cr

## Module 3 - Planning and Completion of a Low-Rise Dwelling Project 17 cr
- Planning of a One-Family House Project 5 cr
- Production Planning of One-Family House 5 cr
- Supervision of a One-Family House Project 2 cr
- English for One-Family House Project 1 cr
- Planning and Completion of a Building Project 2 cr
- Finnish 3 2 cr
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Module 4 - Structural Engineering of a One-Family House Project</td>
<td>16 cr</td>
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<tr>
<td>Structures in a Low-Rise Dwelling</td>
<td>4 cr</td>
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<td>Completion of a Low-Rise Dwelling Project</td>
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<tr>
<td>Building Services (HVAC) and Energy Efficiency in Houses</td>
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<td>Statics of Constructions</td>
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<tr>
<td>Physics in Building</td>
<td>3 cr</td>
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<tr>
<td>Finnish 4</td>
<td>1 cr</td>
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