

Saimaa UAS– Degree Programme in Mechanical Engineering and Production Technology, Bachelor of Engineering 240 ECTS

Basics of Mechanical Engineering, Competence in Design, Competence in Manufacturing, Competence in Machine Safety, Competence in Company Finances and Business

4. year

APPLYING MECHANICAL ENGINEERING

Thesis 15 ECTS
Placement done 30 ECTS

Complementary Studies 11 ECTS
Elective Studies 8 ECTS

3. year

ACTING GLOBALLY

Studies in partner universities outside of Finland. Possibility to get a Double Degree.

Professional Studies 50 ECTS

Communication and Languages 10 ECTS

2. year

MASTERING THE BASIC SKILLS OF MECHANICAL ENGINEERING

Manufacturing 15 ECTS
Mechanical Engineering 22 ECTS
Design 15 ECTS

Mathematics and Physics 6 ECTS
Communication and Languages 6 ECTS

1. year

GETTING ACQUAINTED WITH TECHNOLOGY

Orientation into Technics 10 ECTS
Introduction into Engineering 15 ECTS
Basics of Mechanical Engineering ECTS

Mathematics and Physics 12 ECTS
Communication and Languages 6 ECTS

Degree Programme in Mechanical Engineering and Production Technology

<p>4. Year APPLYING MECHANICAL ENGINEERING</p>	<p>To be able to</p> <ul style="list-style-type: none">- solve problems in a creative way- design equipment and structures that are safe and easy to use- Take into consideration the product's whole product life cycle in design work
<p>3. Year ACTING GLOBALLY</p>	<p>To be able to</p> <ul style="list-style-type: none">- communicate, work and negotiate with people having a different cultural and linguistic background- deepen knowledge in the field of mechanical engineering
<p>2. Year MASTERING THE BASIC SKILLS OF MECHANICAL ENGINEERING</p>	<p>To be able to</p> <ul style="list-style-type: none">- design, develop and manufacture products and equipment- design and dimension machine elements- develop modern automation, control and information systems- work as a team member in an international organization
<p>1. Year GETTING ACQUAINTED WITH TECHNOLOGY</p>	<p>To be able to</p> <ul style="list-style-type: none">- recognize the most common materials and manufacturing methods- understand and create technical drawings- apply mathematical and physical skills in solving technical problems- understand the meaning and significance of communication