

SAIMAA UNIVERSITY OF APPLIED SCIENCES
Faculty of Technology, Lappeenranta

MECHANICAL ENGINEERING AND PRODUCTION TECHNOLOGY 2011-12

Autumn semester **29.8.2011 – 21.12.2011**
Spring semester **9.1.2012 – 18.5.2012**

Holidays Autumn holidays 24.10.2011 – 28.10.2011
 Winter holidays 27.2.2012 – 2.3.2012

Name of the course	credit points (ECTS)
Autumn semester:	
Mathematics A	3
Mathematics C	3
Physics A	3 + 2 (continue in spring)
Finnish Language and Culture I	3
Finnish Language and Culture III	2 + 1 (continue in spring)
Materials	3
Mechanical Drawing and CAD	4 + 2 (continue in spring)
Design and Planning Software	3
Manufacturing, basics	3
Basics of Mechanics	3
Statics II	3
Dynamics	2 +1 (continue in spring)
Manufacturing, Laboratory Workshops	3
Welding	3
Strength of Materials I	3
Sensors	3
Hydraulics	3
Measurement, basics	4
IT, basics	3
3D Virtual Models and Animations	3
Orientation Studies	2
Automation Laboratories	3
In total	65 + 6 credit points

Spring semester:

Mathematics B	3
Mathematics D	3
Finnish Language and Culture II	3
English Technical Documentation	3
3D-Modelling	3
Statics I	3
Machining	3
Material Selection	3
Strength of Materials II	3
Machine Elements	3
Pneumatics	3
Electronics and Digital Technology	3
Programmable Logic Controllers	4
Device and Control Technology	3
Programming, basics	4
Data Transfer Technology	3
Project Work, basics	3
Leadership and Management	3
Robotics	3

In total**59 credit points****Course descriptions can be found at:****www.saimia.fi/opsnet/disp/en/welcome/nop?menuid=0****(<http://student.saimia.fi> - SoleOPS in English)**