

MECHANICAL ENGINEERING AND PRODUCTION TECHNOLOGY - MODULE MAP 2025-2026

GROUP	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5 SUMMER STUDIES
BEMPP25A6	<p>Core competence Introduction to Engineering Studies Professional Growth BE00FK12-3001 Introduction to Technical Physics BE00DL06-3011 Basics of Mechanical Drawing BE00DL07-3005 Geometry and Linear Algebra KM00CV13-3067 Finnish 1 KM00FM66-3001</p>	<p>Core competence Mechanics Statics BE00DK26-3005 Mechanics Workshops BE00DK30-3005 Hydraulics BE00EB47-3003 Algebra KM00CV11-3080 Sustainable Development.Now VV00EH16-3025 Finnish 2 KM00FM67-3001</p>	<p>Core competence Manufacturing Basics of Strength Theory BE00DK57-3005 Material Engineering BE00DK58-3005 Differential Calculus KM00CV61-3060 Manufacturing Methods BE00DK59-3005 Finnish 3 KM00FM68-3001</p>	<p>Core competence Design of a Beam Structure Strength Theory BE00DK60-3005 Welding Engineering BE00DK61-3005 Integral Calculus KM00CV62-3061 3D Design BE00DK62-3005 Finnish 4 KM00FM69-3001</p>	
BEMPP24A6	<p>Core competence Machine Design Strength Theory in Design BE00DK63-3004 Machining BE00DK65-3004 Dynamics BE00DK66-3004 Machine Elements 1 BE00EB48-3002 Technical English 1 KM00EI27-3005</p>	<p>Core competence Machine Elements Machine Elements 2 BE00EB50-3002 Tolerances and Fits BE00DK68-3004 Electrical Engineering BE00DK70-3004 Basics of Programming BE00EB49-3002 Machine Design Project BE00EB51-3002</p>	<p>Core competence Sheet Metal Structures Design of Sheet Metal Products BE00DK74-3004 Sheet Metal Work BE00DK75-3004 Coatings BE00DM43-3005 Technical English 2 KM00EI28-3004</p>	<p>Core competence Product Development Control Systems BE00DK76-3004 Product Design BE00DK77-3004 Entrepreneurship BE00DK80-3004</p>	
BEMPP23A6	<p>Profiling competence Structural Analysis Finite Element Methods BE00DK83-3003 Measuring Strength of Materials BE00DK84-3003 Structural Optimization BE00DK85-3003 Numerical Methods BE00DK86-3003</p>	<p>Profiling competence Manufacturing Automation NC Programming BE00DK87-3003 Robotics BE00DK88-3003 New Manufacturing Methods BE00DK89-3003</p>	<p>Profiling competence Robotics Collaborative Robotics BE00DL02-3004 Robot Programming BE00DL05-3003 Robot Kinematics BE00DL00-3004 Factory Simulation BE00DL01-3003 Robotics Project BE00DL03-3003</p>	<p>Profiling competence Design of Industrial Appliances Product Data Management BE00DK90-3003 Project Management BE00DK91-3003 Design Project BE00DK94-3003</p>	
BEMPP23A6	<p>Work Placement 30cr NOTE! You can undertake Work Placement at any time of your studies</p>				
BEMPP23A6	<p>Profiling competence Optional Studies 15 cr</p>				
BEMPP22A6	<p>Thesis 15 cr</p>				