

Offered as: 1-professional					
Module name	Course type	ECT S	Applied grading scale	Evaluation method	Assessment method
<b>1 SEMESTER</b>					
<a href="#">Technological Project Work</a>	Project	5	Passed/Not Passed	Internal examination	Oral exam based on a project
<a href="#">Monitoring &amp; Programming</a>	Project	10	7-point grading scale	Internal examination	Oral exam based on a project
<a href="#">Imperative Programming</a>	Course	5	Passed/Not Passed	Internal examination	Written and oral exam
<a href="#">Problem-based Learning in Science, Technology and Society</a>	Course	5	Passed/Not Passed	Internal examination	Written exam
<a href="#">Calculus</a>	Course	5	7-point grading scale	Internal examination	Written or oral exam
<b>2 SEMESTER</b>					
<a href="#">Analog Instrumentation</a>	Project	15	7-point grading scale	External examination	Oral exam based on a project
<a href="#">Linear Algebra</a>	Course	5	7-point grading scale	Internal examination	Written or oral exam
<a href="#">Basic Electrical Engineering</a>	Course	5	7-point grading scale	Internal examination	Written exam
<a href="#">Digital Design &amp; Sensors</a>	Course	5	Passed/Not Passed	Internal examination	Written or oral exam
<b>3 SEMESTER</b>					
<a href="#">Micro Processor Based Systems</a>	Project	15	7-point grading scale	External examination	Oral exam based on a project
<a href="#">AC-Circuits &amp; Electro Physics</a>	Course	5	7-point grading scale	Internal examination	Written or oral exam
<a href="#">Advanced Calculus</a>	Course	5	7-point grading scale	Internal examination	Written exam
<a href="#">Micro Processors &amp; Programming</a>	Course	5	Passed/Not Passed	Internal examination	Written or oral exam
<b>4 SEMESTER</b>					
<a href="#">Control Engineering</a>	Project	15	7-point grading scale	Internal examination	Oral exam based on a project
<a href="#">Modelling and Simulation</a>	Course	5	7-point grading scale	Internal examination	Written or oral exam
<a href="#">Control Theory</a>	Course	5	7-point grading scale	Internal examination	Written or oral exam
<a href="#">Power Electronics and Networks</a>	Course	5	7-point grading scale	Internal examination	Written and oral exam

5 SEMESTER					
<a href="#">Elective Projects 5th Semester</a> One project must be chosen	Project	15			
<a href="#">Numerical Methods</a>	Course	5	7-point grading scale	Internal examination	Oral exam
<a href="#">Signal Processing</a>	Course	5	Passed/Not Passed	Internal examination	Written or oral exam
<a href="#">Real-time Embedded Systems</a>	Course	5	Passed/Not Passed	Internal examination	Written or oral exam
6 SEMESTER					
<a href="#">Elective Projects 6th Semester</a> One project must be chosen	Project	20			
<a href="#">Introduction to Probability Theory and Statistics</a>	Course	5	Passed/Not Passed	Internal examination	Written or oral exam
<a href="#">Matrix Computation and Convex Optimization</a>	Course	5	Passed/Not Passed	Internal examination	Written or oral exam

Elective Projects 5th Semester One project must be chosen					
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<a href="#">Automation</a>	Project	15	7-point grading scale	External examination	Oral exam based on a project
<a href="#">Digital Filtering</a>	Project	15	7-point grading scale	External examination	Oral exam based on a project

Elective Projects 6th Semester One project must be chosen					
Module name	Course type	ECTS	Applied grading scale	Evaluation Method	Assessment method
<a href="#">BSc Project (Automation and Control)</a>	Project	20	7-point grading scale	External examination	Oral exam based on a project
<a href="#">BSc Project (Embedded Real-Time Signal Processing)</a>	Project	20	7-point grading scale	External examination	Oral exam based on a project