





**FIELDS OF QUALIFICATIONS IN NQF-HETR  
52 - ENGINEERING AND ENGINEERING TRADES**

NQF-HETR LEVEL	KNOWLEDGE (KNW)  -Theoretical -Conceptual	SKILLS (SKL)  -Cognitive -Practical	PERSONAL & OCCUPATIONAL COMPETENCES			
			Autonomy & Responsibility Competence (ACR)	Learning to Learn Competence (LLC)	Communication and Social Competence (CSC)	Occupational and/or Vocational Competence (OVC)
<p align="center"><b>6</b></p> <p align="center"><b>BACHELOR'S</b></p> <hr/> <p align="center"><b>EQF-LLL:</b> 6. Level</p> <hr/> <p align="center"><b>QF-EHEA:</b> 1. Cycle</p>	<p><b>KNW 1-</b> The student has sufficient background in the fields of mathematics, science and engineering fields related to his field.</p>	<p><b>SKL 1-</b> The student has the ability to use mathematics, sciences and theoretical knowledge together to solve problems related to engineering.</p> <p><b>SKL 2-</b> The student identifies, defines, formulates and solves the problems in engineering, selects and applies appropriate analytical methods and modeling techniques.</p> <p><b>SKL 3-</b> The student applies modern design techniques to analyze a process which defines the requirements of a system.</p> <p><b>SKL 4-</b> The student</p>	<p><b>ACR 1-</b> The student works efficiently either individually or in a very disciplined team</p> <p><b>ACR 2-</b> The student uses the databases and other informative sources to gather information.</p>	<p><b>LLC 1-</b> The student uses the databases and other informative sources to gather information.</p> <p><b>LLC 2-</b> The student is aware of the need for 'Lifelong Learning' and develops his knowledge about his job.</p> <p><b>LLC 3-</b> The student has the ability to use mathematics, sciences and theoretical knowledge together to solve problems related to engineering</p> <p><b>LLC 4-</b> The student identifies, defines,</p>	<p><b>CSC 1-</b> The student uses advanced computer programs(European Computer Using License at least) and communicative technologies in his field</p> <p><b>CSC 2-</b> The student uses a foreign language to communicate effectively in spoken and written ways</p> <p><b>CSC 3-</b> The student has the ability to communicate using technical drawings</p> <p><b>CSC 4-</b> The student uses the databases and other informative sources to gather information.</p> <p><b>CSC 5-</b> The student is aware of engineering solutions in a global</p>	<p><b>OVC 1-</b> The student has professional and ethical responsibility.</p> <p><b>OVC 2-</b> The student is aware of project management, workplace practices, employee health, environmental and occupational safety; and about the legal implications of engineering applications.</p> <p><b>OVC 3-</b> The student is aware of the effects of engineering solutions and applications shows that the global and societal context;</p>

		<p>has the ability to choose the correct modern and technical equipment for engineering applications.</p> <p><b>SKL 5-</b> The student designs and makes experiments, and collects the data and interprets the results.</p>		<p>formulates and solves the problems in engineering, selects and applies appropriate analytical methods and modeling techniques.</p> <p><b>LLC 5-</b> The student applies modern design techniques to analyze a process which defines the requirements of a system.</p> <p><b>LLC 6-</b> The student has the ability to choose the correct modern and technical equipment for engineering applications.</p> <p><b>LLC 7-</b> The student works efficiently either individually or in a very disciplined team.</p>	<p>and societal context and practices, and the effects of entrepreneurship and innovation.</p>	<p>aware of entrepreneurship and innovation and a knowledge of contemporary issues.</p>
--	--	---	--	--	--	---