

<b>Name of subject:</b> <b>Integrated management systems</b>	<b>NEPTUN-code:</b> RMWIM1EBNE	<b>Number of hours:</b> <i>lec+gs+lab</i> 2+0+0	<b>Credit: 3</b> <b>Requirements:</b> practice mark
<b>Course coordinator:</b> Eszter Kormány PhD	<b>Title:</b> assistant lecturer	<b>Prerequisite:</b> -	
<b>Subject content:</b>			
<p>The concept of the system. Historical background. Tools used for controlling the systems. The logic and internal structure of corporate management systems.</p> <p>Principles and standards in the regulation of different management systems. (Laws, regulations, standards, internal policies, recording facts.)</p> <p>The concept of quality. (Demand and the process of meeting the demand. Kano philosophy. The documentation system. (Basic logic, structure. Appearance, corporate management systems)</p> <p>Organizational objectives and their breakdown. (The responsibility of the management. Strategic plan and its breakdown. Quality policy. Organizational structure.)</p> <p>Designing in case of product manufacturing and servicing as well as unique and repetitive processes. The process of designing.</p> <p>Product liability and consumer protection.</p> <p>The criteria of process design. Project monitoring and control. The stability of processes and capability. Criteria towards products. (The capability indicators of measured and attributes data, control cards)</p> <p>Problem solving, analytical and development methods supporting engineering practices. (Pareto, Ishikawa, fault tree, weighting, 5S, 8D, kanban, poka-yoke, managing complex problems)</p> <p>Process and product verification and its tools.</p>			
<b>Bibliography:</b>			
<ol style="list-style-type: none"> <li>1. Lindsay, William M.; Petrick, Joseph A.: Total Quality and Organization Development. Total Quality Series. St. Lucie Press, 2000</li> <li>2. Koczor Zoltán: Minőségirányítási rendszerek fejlesztése. TÜV Rheinland Intercert Kft. 2004</li> </ol>			