

<b>Field:</b> IT
<b>Module title:</b> Methods of organization and Management (ME.5)
<b>Preliminary conditions:</b> Fundamentals of management
<b>Education aims:</b> Delivery of knowledge about methods of organization management, to get a practical experience of organization and management methods using.
<b>Education outcomes:</b> Student has a knowledge and ability to use heuristic methods or techniques used in quality improvement programs, can get a knowledge using bibliography and internet issues.
<p><b>Module type and contents:</b></p> <p>Heuristic Methods:</p> <ul style="list-style-type: none"> <li>• Brainstorming (brainstorm session)</li> <li>• Morphological Analysis</li> <li>• Synectics (by George M. Prince and William J. J. Gordon)</li> </ul> <p>Main techniques used in quality improvement programs:</p> <ul style="list-style-type: none"> <li>• ABC analysis (also called Pareto Analysis or 20/80)</li> <li>• Ishikawa diagrams (also called fishbone diagrams or cause-and-effect diagrams)</li> </ul> <p>Contemporary conceptions of organization and management improving :</p> <ul style="list-style-type: none"> <li>• Benchmarking</li> <li>• Outsourcing.</li> </ul>
<b>Educational methods:</b> Multimedia presentations, classes.
<b>Assessment methods:</b> Paper work
<b>ECTS credits:</b> 4
<b>Students workload (hs.):</b> 100
<b>Form Number of hours:</b> 15
<b>Author of a module:</b> Paweł Macuga
<b>Module language:</b> english