

<b>Course title: Logistics of Quality Assurance, Product Logistics</b>	<b>Neptun code: GEALT416-a</b>
<b>Course coordinator: Dr. Róbert Skapinyecz, PhD, associate professor</b>	
type of lesson and number of lessons: <b>lecture (2)</b>	
method of evaluation: colloquium	
curriculum location of the subject: (autumn/spring semester): autumn and spring	
pre-study conditions ( <i>if any</i> ): -	
<b>The task and purpose of the subject:</b>	
During the course, students are introduced to the relationship system of quality assurance and logistics, which aids them in finding solutions to potential quality related problems in various logistics systems. Besides, they also become familiar with higher level methods applied in the field of quality management.	
<b>Course description:</b>	
A mathematical description of the quality requirements of typical logistics systems. Methods for increasing the quality of the logistics system and procedures for evaluating them. The impact of the quality assurance system on the logistics system. Methods used in logistics system quality control. Product tracking methods in different production processes. Product design and management logistics modules.	
<b>Required literature:</b>	
<ol style="list-style-type: none"> <li>1. Pyzdek, Thomas, and Paul Keller. Handbook for quality management: A complete guide to operational excellence. McGraw-Hill Education, ISBN 978-0071799249, 2013.</li> <li>2. Gianpaolo Ghiani, Gilbert Laporte, Roberto Musmanno: Introduction to logistics systems management. Wiley 2013, ISBN: 978-1-119-94338-9</li> </ol>	
<b>Recommended literature:</b>	
<ol style="list-style-type: none"> <li>1. Pedro García Márquez, F.; Segovia R. I.; Bányai, T., Tamás, P.: Lean Manufacturing and Six Sigma – Behind the Mask: London, United Kingdom/England: InTech Open Access Publisher, 2021.</li> </ol>	