

<i>Name of the subject:</i> <b>Design of quality in safety-critical vehicle systems</b>	<i>NEPTUN-code:</i> <b>BGBMJKTNC</b>	<b>Credits: 2</b> <b>ECTS: 3</b>
<i>Subject leader:</i> <b>Dr. Tímea Lázár-Fülep</b>	<i>Title:</i> <b>assistant lecturer</b>	
<i>Course description:</i>		
<p>Introduction to requirements of certain safety-critical vehicle system architectures and those quality methods and procedures, which are mostly applied during automotive development processes. Safety and reliability – fundamentals, relations. Intelligent and safety-critical vehicle systems and their role in traffic. Introduction to electronic system reliability. Introduction of requirements and related relevant standards. Challenge in design: design to safety and reliability. Introduction to one of the mostly applied qualitative and quantitative reliability methods in automotive development process.</p>		