

<i>Name of the subject:</i> Design and manufacturing of plastic injection mould	<i>NEPTUN-code:</i> BAGIM1KTNC	Credits: 2 ECTS: 3
<i>Subject leader:</i> Dr. Balázs MIKÓ	<i>Title:</i> assoc. prof.	
<i>Course description:</i>		
<p>The aim of the subject is present the general structure of plastic injection mould, the process of the design, from the conceptual phase to the manufacturing and assembly. The elements of detail design are discussed, like injection, ejection, cooling systems, and the selection of standard components: guiding systems and mould base. The cost estimation of moulds is presented. The theories are supported several industrial examples and a <u>design work</u>.</p>		