

<i>Name of the subject:</i> Fundamentals of Manufacturing Technology	<i>NEPTUN-code:</i> BAGFA1ANND, BGXFAE3BNE	Credits: 5 ECTS: 7
<i>Subject leader:</i> Dr. Balázs Mikó	<i>Title:</i> ass. prof.	
<i>Course description:</i>		
<p>The course covers principles of cutting, energetic process of cutting, tool wear and tool life, basic figures of planning of economic cutting, cutting methods, types of tools, tool angles, exercises and types of machine tools. The students will study general structure of machine tools, main components, structure of NC, CNC machine tools, locating features, tooling process and manufacturing methods of characteristic surfaces (inner cylindrical surface, hole, and plane).</p>		