

Name of subject: CAD/CAM II.	NEPTUN-code: RTECC1EBNE	Number of hours: <i>lec+gs+lab</i> 0+0+3	Credit: 4 Requirements: practice mark
Course coordinator: Orsolya Nagyné Szabó PhD	Title: assistant lecturer	Prerequisite: CAD/CAM I.	
Subject content:			
<p>Under the course the students are introduced to the theoretical basics of computer-aided design (Adobe Illustrator and Adobe Photoshop). The use of computer applications help to practice the drafting and manipulation methods of various 2D design. During the semester students will learn how can be designed in a given topic a box plan and visualize a box with graphics and 3D renderings.</p>			
Competences to be mastered:			
<p>a) knowledge - Knowledge of basic construction designs and their dimensioning basics.</p> <p>b) capabilities - Able to perform the virtual modelling of product concepts and products using 3D computer-aided design systems as well as to produce their technical documentation. - Able to produce, examine and test real models and prototypes using direct digital production technologies based on both traditional and 3D product models. - Able to apply the calculation and modelling principles and methods of special</p> <p>Bibliography: related to industrial product design.</p>			
Bibliography:			
1. CAD rendszerek felhasználói kézikönyvei			
2. https://elearning.uni-obuda.hu/ electronic notes and aids prepared by the instructor			