

Name of subject: Design (online)	NEPTUN-code: RTEDE1EBNE	Number of hours: <i>lec+gs+lab</i> 2+0+0	Credit: 2 Requirements: practice mark
Course coordinator: Dóra Papp-Vid DLA	Title: assistant lecturer	Prerequisite: Art studies	
Subject content:			
<p>Historical periods, objects, creators of design. Efforts, possibilities of the designers in the past and today. The fundamental principles of design. The functions of design, the process of design on the part of the designer. Industrial revolution. Art Deco- Jugendstil-Art Nouveau. Functional design.</p> <p>Progressive and conservative modernism. Design after the First World War. Avantgarde, constructivism, Bauhaus. Art Deco in Europe and in America. The American model of commercial design. European design after the Second World War. Design in the second half of the twentieth century. Organic design. System-oriented design. Design trends at the beginning of the twenty first century.</p>			
Competences to be mastered:			
<p>a) knowledge</p> <ul style="list-style-type: none"> - Knowledge of basic design principles and methods, as well as major production technology procedures and operating processes. - Knowledge of the most important basic materials applied in the special area of product design, their production and their application criteria. - Knowledge of basic construction designs and their dimensioning basics. - Knowledge of the fundamental rules and technological limitations of shaping products, of striking a harmony between content and form. - Knowledge of major analogies between natural and technical systems, and their possible applications in design. - Knowledge of the learning, knowledge acquisition, and data collection methods of the special field of product design, their ethical limitations and problem solving techniques. - Knowledge of the historical periods, outstanding designers and characteristic objects of industrial design. <p>b) capabilities</p> <ul style="list-style-type: none"> - Understand and use characteristic online and printed references characteristic of their special field, both in Hungarian and in at least one foreign language. - Know and apply the terminology and special expressions of their professional field in Hungarian and in at least one foreign language. - Able to take into account the aspects of the historical, cultural, socio-economic and industrial environment in the process of industrial design and product development. 			
Bibliography:			
1. Korona Péterné, Szűcs Ágnes: A bútortörténet és a design nagy korszakai. ÓE-RKK 6063, Budapest, 2015.			
2. Ernyey Gyula: Design. Tervezéselmélet és termékformálás 1750-2000, Dialóg Campus Kiadó, Bp.-Pécs, 2000			
3. Dr. Slézia József: Kortárs nemzetközi design. Designtrend Kft., 2013.			
4. Zalavári József: A forma tervezése. Designökológia. Scolar Kiadó, 2008.			