

ID202 INDUSTRIAL DESIGN II

Syllabus for 2021-22 Spring Semester

Tuesday 9.00-12.00 (*online*) & Friday 9.00-17.00 (*face to face*)

Sedef SÜNER PLA CERDA, Ecem KUMBASAR, Batuhan ŞAHİN

The goal of this course is to help students gain competence in relevant research and design methods to carry out an entire design process. Students are encouraged to consider product form and interaction in relation to structure, function and communication with the user. Issues of manufacturing, such as efficiency, use of materials, and effective use of resources are delivered as important aspects of design. Physical and cognitive aspects of user-product interaction, such as ergonomics, product language and ease of use are addressed as a part of user-centred design methodology, which is integrated in product design projects.

Upon successful completion of this course, you will:

- Explain the relationship between structural properties of materials and functional aspects of products.
- Examine designed objects in terms of their structural complexity, functionality, efficiency in manufacturability and use of resources.
- Predict the impact of the physical and cognitive affordances of products on human-product interaction.
- Relate form and function of product with users' experience with them.
- Use appropriate user testing methods at necessary steps throughout the design process at a basic level.
- Create prototypes to communicate and gain feedback on design features.

GRADING

Briefs for each project will be provided separately. Changes in distribution of grades for each project may occur – you will be informed about them.

- Project 1: **10%**
- Project 2: **40%**
- Project 3: **50%**

OFFICE HOURS

On-demand appointments via e-mail.

*****IMPORTANT NOTE***** Please check your TEDU mails regularly to keep updated about the announcements, grades, etc.

PSYCHO-SOCIAL SUPPORT SERVICES FOR TEDU STUDENTS

Specialized Support and Students with Disabilities

Students who may require specialized support due to a disability affecting mobility, vision, hearing, learning, mental or physical health should consult with Specialized Support and Disability Coordinator, Asst. Prof. Emrah Keser E-mail: emrah.keser@tedu.edu.tr, or visit the website at <https://www.tedu.edu.tr/tr/main/engelsiz-tedu>

Student Counselling Centre

The Student Counselling Centre is a service mandated with providing crisis intervention and supportive listening services to the campus community. A major part of fulfilling that mandate is raising awareness of our service so that students know they are never alone in dealing with problems. For further information and/or questions, you can contact Sila Deniz Beyarslan, sdeniz.beyarslan@tedu.edu.tr, Office 165, or visit SCC website at <http://csc.tedu.edu.tr/>

TEDU COPeS

TED University Coronavirus Psychosocial Support Team was established in order to facilitate coping with the psychological, social, familial, academic, and professional difficulties that may arise due to adverse conditions associated with COVID-19 pandemic for TEDU students and employees. TEDU COPeS aims to provide psychosocial support for TED University students and employees during the coronavirus outbreak. To this end, the team aims to provide support at the early stages of a possible crisis, activate and strengthen your coping strategies, and provide information on support resources. For further information and/or questions, visit their website at <https://copes.tedu.edu.tr/>