

## **The Awareness of Sustainability Concerns in Design Studio Education Process: A Case from TOBB ETU University, Interior Architecture Department in Turkey**

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**Abstract :** Today's world has started to develop design process within an interdisciplinary working environment. There is an aim of creating the most permanent design for the future. While satisfying people's needs, environment and people relationships should be considered. When this relationship was considered for the future, the sustainability term comes to mind. The term Sustainability has been adapted very well by designer and architects. It is also one of the main and significant parts of the design process. As the education process cultivates the future professionals, the awareness of those concepts in the education process has a vital importance. The question is stated as thus: Are the 3rd and 4th year design studio students, familiar and sensitive to the concept of sustainability in the TOBB ETU University Interior Design Studio. Design studios and the instructors should be taken into consideration while this sustainability term is taught. The term "Sustainability" can not be learned without making any application in the actual real world. While students make this study, They can have the chance to search the topic of sustainability step by step. Due to having various extent, sustainability term becomes quite a comprehensive issue. In order not to create negative consequences, designers and architects work by adapting this term. In terms of material, construction process, lighting, building service, furniture, systems that are used, energy consumption issues that are considered and creating positive drawbacks for the future are aimed. This research is aimed at how university education shapes designer's works in terms of sustainability. By giving a project that is a main interest in the field of sustainability, students are expected to reach well-thought-of results and analysis. Project process were conducted with instructor and student studies together. According to critics from their instructors, students try to product well- designed results. TOBB University was choosen as a research area situated in Ankara in Turkey. Third and fourth class (interior designer/architect department) students who are from the Faculty of Fine Arts Design and Architecture are the subject group selected for this study. Aim of this study is demonstrating sustainability as a term having application in design studio. Thus, awareness of sustainability terms will be evaluated and its development process in the university education will be observed. Consequently, results that are expected is how sustainability term is conducted in project and for the sustainability term awareness in design studios and their projects have been sufficient or not.

**Keywords :** design education, design process, interior design studios, sustainability

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