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جامعة فاروس الاسكندرية

**Publications Template** 

#	Research Title	Field	Abstract	Year of Publicati Publishing	on	Publishing Link "URL"
1	The educational process of furniture design between material and sustainability	Interior Architecture	Teaching process of sustainability as one of the main axes of furniture design is considered as a very important and complex process, as it contains many difficulties facing students in terms of understanding the principles of sustainability and the ability to transform them into concrete results through their designs, which requires to formulate a structure of the basic concepts of sustainability principles and how to translate them into designs that serve the community and contribute to reduce many of its problems . The course addressed several themes; generally it focused on Design concepts and creative design simulator, and furniture design in particular, it also focused on Recycling and Reuse from the perspective of sustainability and their application in furniture design". This research addresses the following question: How to enable students to connect the design process of furniture and principles of sustainability. It also raises a number of problems, including the unsystematic handling of environmental waste and the inability to employ them effectively to ensures	2020	https	://ijdfs.journals.ekb.eg/article_192028.html
Page 1 of 2         مستوى سرية الوثيقة: استخدام داخلي         Doc. No. (PUA-IT-P01-F14)           Rev. (1) Date (30-12-2020)         Document Security Level = Internal Use         Publications Template         Issue no.(1) Date (30-12-2020)						,

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the conservation of natural resources in the long term, and also students' lack of knowledge when it comes to how to apply the principles of sustainability in interior architecture and in particular in furniture design. The research aims to integrate concepts of sustainability within the structure of the process used in furniture design, based on the recognition of the importance of the role of sustainability in achieving the integration of design and environment in a positive way. It also sheds light on the different methods of Recycling and Reuse in the process furniture design. The research concluded that students became familiar with the principles of sustainability and how to employ them in furniture design through this academic course. They also presented a range of design solutions that dealt with the design of furniture for open spaces that combined sustainability in materials or design- and functionality.

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