The importance of modern computer technology in the university education system

Application on the computer graphics course for the second year (group 2)

Dr. Sammar Mahmoud Gomaa

Lecturer, Department of Glass, Faculty of Applied Arts, Helwan University, Egypt

Des.sammar@gmail.com

Abstract

The world in the current era is standing at the big door of a scientific and technological development for use of computers in the design process, and this matter has greatly contributed to the progress of generations by helping them acquire the necessary tools and skills that help them easily access innovative and contemporary designs, and encourage them to distinguished scientific production and make The learning process is more enjoyable by linking the course applications to the field of specialization. The modern educational process requires keeping pace with the labor market and meeting the graduate's needs for tools that enable him to excel in his field of work. Students must practice educational science closely related to the requirements of specialization, that is, be able to do the work that they do, and university education aims to achieve many things, the most important of which is the acquisition of skills that enable the student to keep pace with the requirements of the labor market.

The curricula of the glass program at the College of Applied Arts are divided in the four years of the study in terms of objectives into courses that develop the creative side and other courses aimed at building the scientific basis for the student, and other materials that qualify the student to acquaint the student scientifically and practically with the different production methods of glass, in addition to the courses that help build the innovative side of The student.

Keywords:

Computational design , the design process , computer graphics