

Influence of Modern Design Trends in Interior Architecture Studio Biophilic Design Styles in Office Space

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ABSTRACT

Design of interior architecture has a direct relationship with improving the individual's feelings and the standard of his/her performance together with the way of interaction with others within the space. These days, there is a global necessity for space design that inspires, energizes and supports employees. Researches proved that working within a space that has a sustained designed that is linked with natural elements positively affects the physical and psychological well-being of employees.

The research problem is represented in the lack of knowledge of junior designers (students) regarding design elements and characteristics of interior spaces that revitalize health and enhance work efficiency within administrative offices. To solve the problem, the research presented three modern design trends: Biophilic, Biomimicry and geometric in the design studio of the proposed project titled "administrative office specialized in architecture design, interior design ... etc." providing broader scope of choice for students, specifying that the sustainable Biophilic design of interior office space fulfills health revitalization characteristics and supports students in design stages as a rich source for styles of design elements providing them with ideas of production diversity, creativity and innovation together with learning and implementing Biophilic design characteristics which provide sustainable work environments using nature elements that help to promote the psychological and physical well being of workers and in the same time reduces individual's stress and enhances work efficiency. The research relied on measuring the effect of Biophilic styles and modern trends on the process of designing for students of the subject of interior architecture (AR416) which is taught to the students of the Arab Academy for Science, Technology and Maritime Transport in the spring semester 2019-2020. Students' analysis of the experiments was analyzed. The sample consisted of 95 students (55 females and 40 males) in the level of grade eight where the researcher has been teaching this curriculum as a lecturer professor since 2012 till present.

Keywords:

Trends ; design ; office space