



**National University of Sciences and Technology**  
**School of Art, Design and Architecture**  
**Arch-811 – Building Engineering (Elective)**

<b>Credit Hours:</b>	3	<b>Semester:</b>	Spring
<b>Instructor:</b>			
<b>Email:</b>			
<b>Website:</b>			
<b>Counseling Hours:</b>			
<b>Research Assistant:</b>		<b>Office:</b>	
<b>Email:</b>		<b>Extension:</b>	
<b>Website:</b>			
<b>Pre-requisites:</b>	None		
<b>Course Description:</b>	This course deals with an understanding of the close relationship between architecture, energy efficiency and the technological issues of a building. The theme of sustainability in architecture will be thoroughly investigated, ranging from global issues to advanced building-integrated energy techniques. Best practice examples will be presented/investigated, showing how the issue of sustainability requires a holistic approach during the whole design process.		