



Structural Engineering



STE PROGRAM

It is About

Design

Supervision

Construction

Of What??

- **Structural Engineering is about: Design, Construction and Supervision of:**

Building and Non-Building Structures



Structural Engineering:

- Is as old as the Human Civilization
- has a fundamental Role in any residential, commercial, industrial, or infra structure project
- The Structural Engineer is a key player in almost any engineering project.

Examples of Structural Engineering projects

- **Bridges**



Examples of Structural Engineering projects

- Tunnels



Examples of Structural Engineering projects

- Towers



Examples of Structural Engineering projects

- Airports



Examples of Structural Engineering projects

- **Transmission and Communication Towers**



Examples of Structural Engineering projects

- Industrial Plants



Examples of Structural Engineering projects

- Sports facilities



Future Demand on Structural Engineers In the Middle East Region

- Economic Development in Egypt and neighboring countries requires structural engineers
- In Egypt; ongoing and planned Housing, Transportation, Industrial, and Telecommunication projects are either are boosting the demand for Structural Engineers
- Reconstruction of the neighboring countries provides many jobs .
- Saudi Arabia and Gulf Countries provide many new Structural Engineering jobs every year.

Qualifications

- Did you like your Mechanics class?
- It is good to have a good grasp of mathematics, but frankly, you need not to be a Math savvy.
- If you have a passion for design and would like to see your ideas materialize in front of you, brace yourself, it is the routine work for a Structural Engineer.

Example Projects Designed by STE Graduates



University Of Victoria Parkade, Vancouver Island, BC, Canada.

Example Projects Designed by STE Graduates



Quarry Park Condos, Calgary, AB, Canada.

Example Projects Designed by STE Graduates



RRP Mosaic Stadium, Regina, SK, Canada.

For More Information on The Structural Engineering Program

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