

# Engineering Statics Course

Engineering Statics is a fundamentals course which serves as the building blocks for future courses in engineering, in particular mechanics of solids. Engineering Statics explains the material in a clear fashion and applies the material to everyday use giving engineering students a strong foundation to build from and a better retention of knowledge.

The Engineering Statics course is distinct in that it resolves the areas that some of the most popular Statics course fail. These areas include: a lack of or overemphasis on the role of vectors in analyzing structures, a lack of physical feel due to an emphasis on structural problems, and a lack of systematic approach for analyzing statically indeterminate structures.

Students who enroll in this course receives a **FREE** textbook and, upon completion, will also receive a **Certificate of Completion**. If you are having trouble understanding Engineering Statics, this is time for you to start ahead and get ahead with your studies before getting to college or university.

## Who will benefit from this Course?

- Students entering or returning to college, or preparing for college technology program.
- Home school students and distance learners.
- Job seekers who wants to learn this exciting subject to help them in their work.
- Anyone wishing to learn engineering statics easily and enjoyably.

Engineering Statics is available as home study (correspondence) course or an instructor - led classroom setting. **Engineering Statics** is self paced and allows you to learn the fundamental principles at your own rate and comfort level. The lessons are easy to follow with step-by-step examples.

**Correspondence Course Price:**      \$ 449.99 Cdn. (includes taxes, shipping and handling)

**Enrollment:**      To enroll in this course, please send us an e-mail at : [info@ictpc.ca](mailto:info@ictpc.ca)

## Course Contents :

1. Position and Force Vectors
2. Equilibrium of a Particle
3. The Moment Vector
4. Equilibrium of a Rigid Body
5. Equilibrium of a Rigid Body
6. Structural Analysis
7. Shear Forces and Bending Moments
8. The Centroid and the Moment of Inertia