



SAP2000

Training details

DESCRIPTION

This courseware covers the concrete structures design and analysis using sap2000

OBJECTIVES:

- The primary objective of this courseware is to teach students how to effectively model and analysis all types of slab systems including solid slab, flat slab, paneled beams, raft foundation, tanks and high rise buildings systems.
- How to design all cases of column (Axial - Uniaxial - Biaxial) and design?
- Students will make a complete high rise building include drawings and calculation sheets how to make excel sheets.

TRAINING STRUCTURE:

SAP2000

10 class x 2.5 hours = 25 hours

COURSE TEXTBOOKS AND OTHER READING MATERIALS

Web Resources:

- [International Design Codes \(ECP – ACI – Euro \)](#)
- [CSI Knowledge Base](#)

PREREQUISITES:

- Basic knowledge and skills about using computers.
- Structure background is a must

COURSE GRADING:

Attendance 40% Assignments (workshop + 2 projects)

60% to pass the course and receive CAD MASTERS certificate you should:

- Attend at least 80% of course hours.
- Score more than 70% as a total score.

