Course Outcomes

Students completing this course successfully will be able to :

a. Conduct laboratory experiments and field test to measure engineering properties of soil.

b. Write technical reports for laboratory and field test.

c. Use simple computer programmes to present the test results.

d. Improve the communication skills, including reading, writing, oral

Teaching Strategies

Domains	List Teaching Strategies set out in Course Specification
a. Knowledge	• Knowledge of basic properties of soil. • Skill to conduct laboratory experiments and field test to measure engineering properties of soil. • Students are able to apply knowledge in mathematics, physics, and engineering science to civil and engineering problems. • Students are encouraged to improve their writing, communication and presentation skills.
b. Cognitive Skills	• Engage students in laboratory discussion with questions and answers. • Laboratory work, engaging students to plan and coordinate tests. • Experimental work, collection and interpretation of test data
c. Interpersonal Skills and Responsibility	Punctual attendance of laboratory session is required of the students.
d. Numerical and Communication Skills	• Exams and lab reports are used to assess the acquired knowledge on the subject. • Oral and written examination in lab to examine the students ،ability to perform tests and their knowledge of the material behaviour and properties.
e Psychomotor Skills (if applicable)	----------