CES2102 Reading the Field (construction, maintenance, rehabilitation)

(Prerequisite CES1202)

LH	PH	TH	CH	WTM	WE	WCM	CU
30	45	15	60	100	60	40	4

Course description

This course is a continuation of the previous semester's course, but now at the stages of Construction, maintenance and rehabilitation. Monitoring for maintenance requires a good understanding of what is taking place in the life cycle of Civil Engineering projects. The students are encouraged to consult the standard design manuals for the standards projects need to fulfil and do much of the investigative work on their own.

Objectives

- The purpose of this course for the Civil Engineer to explain what common field data he/she needs at the stages of constructing, maintenance and rehabilitation projects
- Construction needs setting out, monitoring for maintenance needs constant observation, and a knowledge of the design criteria of projects, rehabilitation needs an understanding of cost effectiveness.
- To make the student observant to see the deterioration of Civil Engineering projects, and why.