

Introduction to Civil Engineering And Land Surveying

- Week One
 1. Reading an Engineering Plan
 - a) Elements of a Plan
 - b) Concept of Scale
 - c) Using a Scale

- Week 2
 1. Elements of a Survey
 - a) Reading a Survey
 - b) What is Survey Evidence
 - c) How is Evidence weighed
 - d) Using Instruments and Data Collection Devices

- Week 3
 1. How does Engineering and Surveying Work Together
 - a) Client wants to develop land
 - b) Feasibility Study
 - c) Surveying the Land
 - d) Topographic Survey

- Week 4
 1. Concept Plan
 - a) Layout meeting Government Regulations
 - b) Client Approval
 - c) Submission to County (Fees, permit applications, permits issued)
 - d) Final Construction