



BASIC SURVEYING AND SETTING OUT



INTRODUCTION

Due to the continued substantial growth in the construction industry the demand for skilled engineers has risen substantially. One of the many critical aspects is survey and setting out which in general only enjoys minimal coverage in college curriculums.

We provide a range of courses in the various aspects of survey for the purpose of developing the individual's skill. The focus of these courses is the practical use of survey instruments as well as the associated setting out methods and checks.

WHO SHOULD ATTEND

This is an introductory course and no previous experience or knowledge of setting-out is required by participants. It is aimed at beginners, supervisors, trainee engineers, or assistants who wish to acquire the necessary skills to use basic surveying equipment and carry out setting-out duties.

COURSE DURATION

PFA Consulting offer this course over 5 days.

COURSE OVERVIEW

- Utilise the level and record observations in the standard format
- Set-out levels to control construction
- Calculate and set out profiles to control drainage
- Understand correct taping procedure and use tapes to set out buildings and bases
- Use a calculator to calculate setting-out information
- Establish Temporary Bench Marks (TBMs) and the height control
- Use a theodolite for basic setting-out of buildings and grids
- Understand the limitations of the equipment used and how specifications and tolerances can be economically met

TRAINING METHODS

Theoretical instruction on the course is reinforced by realistic practical exercises using a wide range of modern surveying equipment. Practical exercises involve team work and encourage maximum participation from the trainees.

PFA Consulting has a rolling schedule for Health and Safety courses. For further details on this course or to arrange a meeting to discuss your requirements:

- Call our training co-ordinator on 01793 828000
- Email us on training@pfapl.com