

# Ground and Rock Anchors



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## Introduction

This one day course will look at types of anchors such as bars, hollow bar systems and strand anchors, and their uses. The course is ideal offering a comprehensive look at the use of anchors their design and application. Although not strictly an anchor the use of soil nails will also be discussed.

The course will provide a sound background for engineers who want to broaden their knowledge of this geotechnical solution. The versatility of anchor systems is highlighted by a number of case studies which will be used to demonstrate some applications for anchor systems.



## Course Content

The session will start by looking at what anchors are and how they work and the physics of anchor systems.

Anchor components will be identified together with the forms of corrosion protection. Different types of anchor and installation methods will be considered these will include:-

- ✔ Thread Bar anchors
  - Hollow bar
  - Solid bar
- ✔ Strand anchors
- ✔ Removable anchors

Anchor design will be covered along with stressing and testing in accordance with the new Eurocode for anchors. Part of the day will take a look at the components of anchors with examples of anchors on display.

The various applications of anchors and soil nails will be demonstrated by a number of case studies.

This course will be assisted by DYWIDAG and will include a presentation by one of the DYWIDAG team.

## Course Arrangements

This full day course will be run from the Paddocks. Engineers attending will be able to count this towards their CPD programme.

## Who should attend?

*This course is intended for engineers, geologists, technicians and clients who may recommend the use of anchor systems or those who wish to widen their , specify, supervise or carry out Site Investigations.*

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