GEO Grounding

AECOM's Ground Engineering Technical Training Academy

Delivering a better world

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What is GEO Grounding?

AECOM's **in-house Ground Engineering Technical Training Academy**, designed to help you transition from university and apply your education to real-world problems. Topics are aligned with core competencies required within the geotechnical sector.

GEO Grounding utilises the **significant body of expertise across Ground Engineering's nationwide team,** with training developed and delivered by our in-house subject matter experts.

It was shortlisted in the **Ground Engineering Awards 2025** Excellence in Learning and Development category.

Technical training topics include:

- Desk study and site reconnaissance
- Ground investigation design
- Ground investigation supervision
- Geotechnical laboratory testing
- Geological interpretation
- Aggressive ground assessment
- Geotechnical parametric assessment
- Ground model design
- Slope stability
- Retaining wall design

……and the list of topics is growing!

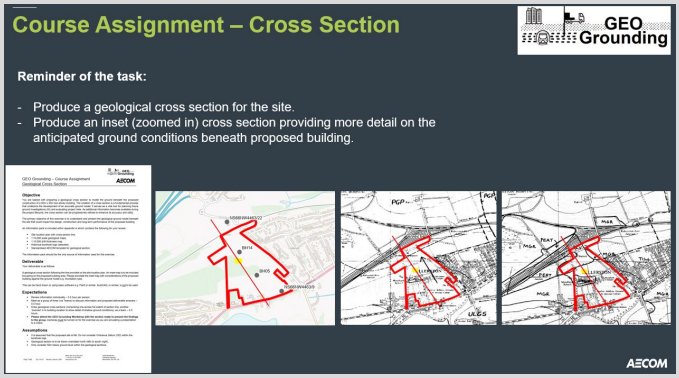
What is the format of GEO Grounding?

- **Pre-recorded modules** available for on-demand review, stored within our in-house learning portal, AECOM University.
- **Group homework assignments** designed to enable you to apply your knowledge gained from the modules.
- Live **post-module discussion workshops** covering the module content and homework assignments outputs.

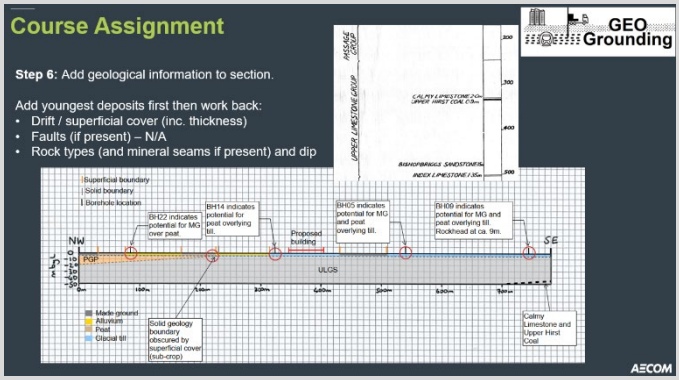
How will you benefit from GEO Grounding?

- It supports career development.
- It improves group presentation skills.
- It aids development of critical technical skills.
- It facilitates collaboration with peers within the national ground engineering team.

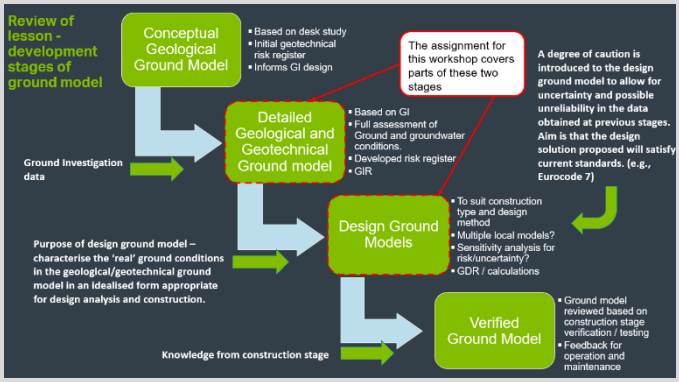
Example Course Assignment – Ground Modelling



Course Assignment Task: Produce a geological cross section across a site.



Course Assignment: Step-by-step guidance on producing the geological section.



Lesson Review: Review of the stages to develop a geotechnical ground model.

> "The entire module was excellent. I appreciated the inclusion of links and detailed list of reference sites, along with instructions on how to access them.
>
> **GEO Grounding Attendee (2025)**