

| Category                              | Course                                                              | Duration | PDU's | Language     |
|---------------------------------------|---------------------------------------------------------------------|----------|-------|--------------|
| <b>Ingeniería civil y estructuras</b> | Masterclass - Funicular and anti-funicular load generation          | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Road safety. Road operations                                        | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | General conservation scheme                                         |          | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Road surfaces, pavements, and bituminous mixes. Basic concepts      | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Masterclass - Soil-nailing as a technique for vertical slopes       | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Masterclass - Is the triaxial test useful to study slopes in soils? | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Drainage in linear works                                            | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Masterclass - Expansion joints                                      | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Masterclass - Geotechnical parameters of rock slopes                | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Masterclass - Slope erosion control                                 | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Masterclass - Dimensioning of high-rise buildings                   | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Excavation, blasting and earthworks                                 | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Masterclass - Cableway structures                                   | 1        | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Structural rehabilitation                                           | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Design of industrial warehouses and high-rise buildings             | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Seismicity and seismic-resistant design                             | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Civil engineering structural calculation                            | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Construction materials                                              | 40       | 0     | English (en) |

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| <b>Ingeniería civil y estructuras</b> | Structural calculation                                                      | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Numerical modelling in geotechnics. Applications with Plaxis 2D             | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Deep foundations                                                            | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Slope stability analyses                                                    | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Earth pressures and retaining structures                                    | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Continuum mechanics and constitutive models. Application to soils and rocks | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Ground characterization and instrumentation and monitoring                  | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Groundwater. Effects on soils and rocks                                     | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Introduction to geotechnics. Soil and rocks                                 | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Shallow foundations                                                         | 40       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Bridge construction                                                         | 45       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Tunnel construction                                                         | 50       | 0     | English (en) |
| <b>Ingeniería civil y estructuras</b> | Inspection and maintenance of tunnels and underground structures            | 50       | 0     | English (en) |