



University  
of Exeter

Camborne  
School of Mines



## Level 6 Mine Management Degree Apprenticeship

Our four-year Mine Management Degree Apprenticeship is designed for existing staff at mining companies to develop their knowledge skills and behaviours, and further their career opportunities. Apprentices will quickly contribute to mining challenges and site management whilst accelerating their career.

Our course is taught by subject-matter experts; we provide the engineering, mining, mine design, business and leadership knowledge and skills needed to become a mining engineer. Teaching across multiple sites we give our apprentices an excellent opportunity to gain insight into different industry settings.

The degree apprenticeship will involve innovative learning and teaching methods, achieved through one two-week residential per year, alongside online learning material including recorded lectures and live webinars. Apprentices will study for at least six hours per week throughout the duration of the course.

### Why Exeter?

- The Camborne School of Mines at the University of Exeter is the leading mining school in the UK and is ranked 11th in the world.
- On graduating, apprentices become members of the large and influential CSM alumni association.
- A prestigious BEng (Hons) from a Russell Group university, a first step in meeting the requirement for Chartered Engineer status in the UK.
- Designed by an experienced academic team, ensuring a good balance between the workplace and study.

### Topics covered

- Mining Life Cycle
- Engineering Fundamentals
- Resource Characterisation
- Digitisation and Automation
- Material Processing
- Mine design and Planning
- Energy and Sustainability
- Environmental and Social Governance
- Economics and Risk Management
- Feasibility and Business Improvement

### Qualifications available

- IfATE Level 6 Mine Management Degree Apprenticeship
- BEng (Hons) Mining Engineering
- Associateship of the Camborne School of Mines (ACSM)

### Entry requirements

- Equivalent of ABB for UK A levels or other specific qualifications (e.g. Mining Diploma). Recognition of prior learning and experience is also available.
- In a role, or going into a role, that supports the gathering of evidence required for the Mine Management Standard.
- Level 2 Maths and English will need to be evidenced prior to Gateway. Gateway ensures all apprentices have completed the mandatory work and any work that underpins specified assessment methods and that employers believe an apprentice is occupationally competent.

Please [visit our website](#) for further information.



# Programme structure

		Term 1	Term 2	Term 3
Year One 90 credits	Introduction	Module 1: Mining Life Cycle and Professional Practice 30 credits	Module 2: Engineering Fundamentals 30 credits	Module 3: Mine Challenge Project 30 credits
		E-Portfolio		
Year Two 90 credits		Module 4: Resource Characterisation 30 credits	Module 5: Resource Development 30 credits	Module 6: Energy and Sustainability 30 credits
	E-Portfolio			
Year Three 90 credits		Module 7: Digitalisation and Automation 30 credits	Module 8: Material Processing 30 credits	Module 9: Excavation Design and Optimisation 30 credits
	E-Portfolio			
Year Four 90 credits		Module 10: Environmental Social Governance 30 credits	Module 11: Economics and Risk Management 30 credits	Module 12: Feasibility and Business Improvement (End Point Assessment) 30 credits
	E-Portfolio			



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Degree Apprenticeships

## Contact

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