

Centre for Mineral Products

Foundation Degree in Asphalt and Pavement Technology



Professional Development

Foundation Degree in Asphalt and Pavement Technology

How long does it take?

Two to three years of part time study

How is it studied?

Online and optional weekend workshops

Entry Requirements?

If you have experience in the highways sector, as well as positive support from your employer, we will welcome your application.

Start date?

September

“ The programme has given me the confidence to question practices as well as instruct on new and current ones. It's given me the tools to do my job to the best of my ability, and to comply with current standards. ”

Mark de Carteret, Technical Supervisor, Ronez

About the programme

- Developed in partnership with the Institute of Asphalt Technology and Industry experts, it is the only knowledge based academically recognised competence qualification for the sector.
- It is approved by the Engineering Council as meeting the educational requirements for professional membership as an Engineering Technician.
- It meets the academic requirements for full membership of the Institute of Asphalt Technology.
- It provides the ideal platform for career development within the sector.
- It's a flexible and cost effective way to study which fits around your work commitments.

Highways are vital to the world economy and are the most valuable asset held by the public sector in any country. If you're already employed in this sector, or have an interest in it, the Foundation Degree in Asphalt and Pavement Technology will enable you to gain an internationally recognised academic qualification. You'll gain the underpinning technical knowledge, the legislative framework, including safety requirements, and contractual procedures relevant to this demanding area of the construction industry.

As part of the programme you can choose to join our annual five day study tour of a number of extractives sites, production units and suppliers to the sector to broaden your knowledge and experience within the industry, and to see how the subjects you're learning are applied in practice.

What you'll cover

You'll study these modules:

University Certificate stage

- Industry Introduction
- Engineering 1
- Mathematics

Certificate of Higher Education stage

- Asphalt Technology
- Industry Technology
- Construction Products Technology
- Engineering 2

Foundation Degree stage

- Pavement Management and Design
- Pavement Solutions
- Contracts Management
- Business Management
- Engineering 3

All modules are worth 20 credits

What you'll study

You'll study online and can choose to attend a number of optional weekend tutorials each year where you'll work face to face with our specialist academic staff, all of whom have extensive experience within the industry. It's also an opportunity to meet and learn from colleagues in your sector.

Tutorials take place at the Enterprise Centre in Derby.

Your programme materials are supplied in an interactive electronic format and are released in stages throughout the year.

You'll have full online access to our library and other learning resources.

Continuing professional development

This programme is ideal for those working in the highways sector. Whether you're a supplier, contractor, provider of specialist services, or working in a client or network assessment or management function, you'll gain the knowledge you need to progress your career in the industry. It will also help career progression into the various specialist fields.

On successful completion you can apply for full membership of the Institute of Asphalt Technology, you'll meet the educational requirements for professional membership of the Engineering Council.



Contact us

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