

Develop a full range of knowledge, skills and behaviours to pursue a fulfilling career in civil engineering with our Joint Board of Moderators accredited Civil Engineer Degree Apprenticeship. Study for an honours degree in Civil Engineering while you work, with no tuition fees.

Civil Engineers provide technical and management input to develop design solutions for complex civil engineering problems. They work as part of a team of engineers and other construction professionals through all lifecycle stages of development, design, construction, commissioning, operation, maintenance, and decommissioning of civil engineering infrastructure.

The apprenticeship has been developed using the Government approved Civil Engineer Apprenticeship Standard, developed by an industry led 'trailblazer' group. This means that course incorporates all the knowledge, skills and behaviours as defined by employers representative of the sector.

Degree apprenticeships are fully funded by employers and the Government. They are also work-based so employees do not have to pay fees to improve their skills, whilst delivering impact in the workplace as they learn. Entry criteria applies.

Mode: Day Release / Blended learning
Location: Chelmsford
Duration: 60 Months (EPA additional – Institute of Civil Engineers Aligned)
Levy / Fees:* £27,000 (5% fee if Levy expended or as a non-levy employer)*
Start Date: September
Assessment: Course module assessment plus EPA
Certification: Level 6 BSc (Hons) Civil Engineering (non-integrated degree)
Suitable for: Those looking to advance careers in civil engineering

Core Modules

- IT and Communication
- Elements of Engineering Design
- Safe Civil Engineering Works
- Maths Skills for Civil Engineers
- Elementary Survey Skills
- Science and Materials
- Geotechnics I
- Material Technology

- Hydraulics
- Site and Engineering Surveying
- Structural Analysis
- CAD for Civil Engineers
- Design Technology in Civil Engineering
- Applied Mathematics for Civil Engineers

- Structural Method and Design
- Geotechnics II
- Highway Design and Construction
- Structures
- Environmental Management for the Construction Industry
- Civil Engineering Group Project
- Professional Development

Delivery & Assessment

At least 20% of your contracted working hours will be classed as 'off-the-job' and therefore is not part of your usual work duties. OTJ learning will be delivered through University-led learning sessions and activities, and practical learning experiences in your usual work setting.

Assessment is at the end of each module undertaken which will contribute towards the final award qualification. An End Point Assessment (EPA) is undertaken when all on-programme assessments have been successfully passed. The Initial Professional Development is an employer formal training plan which can record your experiences online. The Supervising Civil Engineer (SCE) can access your records and sign off achievement levels per attribute.

EPA is aligned with the Institution of Civil Engineers (ICE) Professional Review for Incorporated Engineer. This is a substantial piece of work including Initial Professional Development, along with a rigorous final assessment (the Professional Review). This JBM accredited apprenticeship is ideal if you want to pursue a career in civil engineering or build on your existing experience and gain a university qualification. Successful completion of the course gives the opportunity to achieve professional Incorporated Engineer (IEng) status through the ICE.

For full information and introduction to the team at ARU contact SEATS. We can support your business in comparing this apprenticeship to others and making the best choice for your business and employees' needs.

For SEATS course options support contact: admin@seatshub.org | www.seatshub.org | T: 01268 204102