

SKILLS BOOTCAMPS FOR THE CONSTRUCTION INDUSTRY

<https://IoCSkillsBootcamps.co.uk>

SKILLS BOOTCAMPS

Skills Bootcamps are part of the Government's Lifetime Skills Guarantee and Plan for Jobs. Northumbria University is one of 35 member institutions of the [Institute of Coding](#) (IoC) which is led by the University of Bath. The IoC has been selected as a provider for the Department for Education's Skills Bootcamps.

Northumbria University will be delivering nationally two new 16-week, part-time Skills Bootcamps. Each is targeted at filling well-documented skills gaps in the industry.

WHAT?

Skills Bootcamp in Software

(Engineering/Architectural Technician Plus)

Introduction to coding and process analysis, leading to the creation of software add-ons to popular model authoring tools (ie BIM etc). There will be a focus on the Python–Dynamo–Revit tool chain,

Skills Bootcamp in Construction Data Scientist

Understanding big data and the collation, manipulation and analysis of project data pools to drive efficiency and cost savings. This will be done within a Python programming environment and will use common industry data formats.

HOW?

The study will be based remotely with a blend of self-paced learning and one-to-one tutor support and guidance. Each learner will need to be able to spend approximately 16 hours per week on the course.

WHO BY?

Northumbria University is a leader in digital construction training and heads up the International Centre for Connected Construction (IC3), a centre of excellence for digital construction with global impact. Our delivery partner White Frog have wealth of knowledge and experience in education and training in Building Information Modelling (BIM) and the construction sector.

WHO FOR?

The Skills Bootcamps are available to anyone eligible for UK employment aged 19 or over, and are fully funded (for those that meet the eligibility requirements) for unemployed, self-employed or those wishing to move career.

Employers sending learners along to the courses receive a 70% subsidy, leaving only 30% (£1,200, non-refundable) of the fee payable. There must be proof of career progression as a result.

Learners must

- Have the right to live and work in the UK;
- Agree to provide the mandatory personal data and supplementary information on their employment outcomes for up to six months following completion of the Skills Bootcamp;
- Be looking for a new role, opportunity, or increased responsibility/promotion to a different role that makes use of the skills gained on the Skills Bootcamp.

Learners must be in one of the following categories:

- Employed/self-employed, or
- Career changers/returners/redeployed, or
- Unemployed within the last 12 months.

WHEN?

The Skills Bootcamps will be starting in September 2021.

FURTHER INFORMATION

For more information contact paul.vickers@northumbria.ac.uk.

We are anticipating a high demand so an early expression of interest would be appreciated.

Information about the IoC-led Skills Bootcamps, including how to apply, is available at www.ioCSkillsBootcamps.co.uk