

FUTURE OF CONSTRUCTION

SKILLS BOOTCAMP GUIDE



FULLY
FUNDED
COURSES



The Future of Construction Skills Bootcamp is delivered by Building Growth South West, which is part of YTKO.

Skills Bootcamps are part of the UK Government's Lifetime Skills Guarantee, helping everyone gain skills for life, funded by Devon County Council and delivered by Building Growth South West.

Please find a comprehensive overview of the Skills Bootcamp. If you have any questions, please contact **bootcamps@building-growth.com**



Masterclass delivery

There will be 8 Masterclasses in total (please see Welcome email for details), which may include a site visit (dependent on the course). The Masterclasses are delivered via blended approach of in-person and online (Zoom).



Masterclasses (in-person)

Our in person sessions are held at various locations, including:

- Holiday Inn Express Bodmin, Cornwall Services, PL26 8UF
- BGSW office, Longbrook St, Exeter, EX4 6AP
- HQ Building, 237 Union Street, Stonehouse, Plymouth, PL1 3HQ



Masterclass content

All slides from each Masterclass will be available online for you. We will also provide recordings from each Masterclass, so if you do miss a session don't worry.



Additional support

Each week as well as the Masterclasses you will have the opportunity to book 1-to-1's with tutors, progression meetings with Learner Support Coordinators and peer-to-peer sessions. All of these are optional but if you need further support there is plenty for you to pick from.



Learner Declaration

Prior to the start of the course, we require learners to complete the Skills Bootcamps Learner Declaration, which is necessary for you to finalise your enrolment.



Contact

If you need additional support or have any questions outside of the Masterclasses or mentoring sessions, please contact your Learner Support Coordinator, or email us at **bootcamps@building-growth.com**.

MASTERCLASS SESSIONS

1: Learner Enrolment Session

- Understanding of the course outcomes and expectations
- Overview of the Competency Framework and Portfolio
- Meet the tutoring team
- Any questions answered

2: Sustainable construction approaches



- Explain the benefits of MMC in retrofit scheme
- Understand how to minimise the performance gap
- Greater knowledge in reducing the environmental impact of construction
- Create a social value model to reduce impact of a building

3: Digital design skills & tools



- Identify the benefits of using digital design in a manufacturing process
- Mapping digital design to the RIBA stages of building
- Explain the principles of using specific digital design systems such as BIM & Digital Twins
- Interpret assembly drawings and understand digital twinning processes using BIM

4: Offsite Construction



- What are modern methods of construction?
- Calculate Pre-Manufactured Value
- Explain the benefits of using process engineering builds, including – materials, site labour, manufacturing process, plant etc.

5: Retrofitting for the Future



- The Resource Challenge
- The Carbon Context
- Understanding the waste from retrofitting and localising material flows
- Explain where the value is – whether to rebuild, renovate, refurb or retrofit
- How to use industry toolkits

6: Site Visit – (in person)

- To be confirmed

7: Traditional & Modern Construction Cultures



- Explain the benefits of using a manufactured process against a traditional “problem-solving” construction culture
- Understand the issues which are impacting traditional construction cultures – including inclusivity, delays, project, and cost management
- Provide a case study on a traditional vs MMC construction site
- Explore the concept of build value

8: Learner Impact & Action Plan Development, Course Wrap Up

- Course impact and action plan for the future
- How you and your business could develop

HOW TO SIGN-UP

Register now

[building-growth.com/
devon-skills-bootcamps](https://building-growth.com/devon-skills-bootcamps)



Scan to find upcoming dates

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