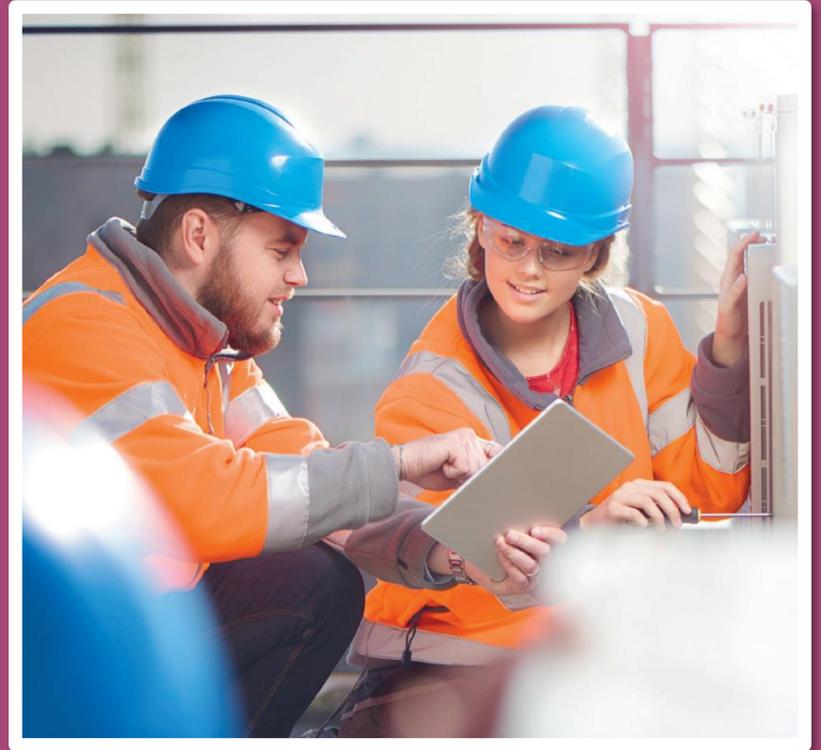# Jisc

FE and skills
Construction

Overview webinar

Construction training

- Skills shortages in the construction industry are a big problem that each of the devolved governments across the UK is keen to solve

- To help in providing a solution, we've developed new, high quality interactive digital learning resources that are mapped to construction qualifications across England, Wales, Scotland and Northern Ireland

- This includes the new T-Level qualification being introduced in England from September 2020, as well as NVQs and SVQs at levels 2 and 3 and the latest National Occupational Standards (NOS).

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Overview

- Gamification principles appeal to learners with different learning styles

- The interactive content includes quizzes, activities, videos and case studies that reflect realistic work-based scenarios

- We'll keep it up to date with curriculum and legislation changes

- Legislation to cover England, Wales, Scotland and Northern Ireland

- In preparation for the Construction T Level launching in September 2020

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Curriculum links

- Mapped to QCF unit codes taught across NVQ, SVQ, and VRQ qualifications at Level 3

- Relevant to many BTEC units

- In preparation for forthcoming Construction T Level qualification from September 2020

- Awarding body agnostic

- Each unit mapped to current National Occupational Standards (NOS)

- Aimed at Level 3

- https://construction.jisc.ac.uk/curriculum-supporting-documents/

Unit list

Jisc construction training
• Principles of electrical science • Prepare programmes and schedules of work in construction • Waste and waste management in sustainable construction • Electrical systems design • Prepare and process invitations to tender in construction • Operate project information systems in construction • Energy in buildings for sustainable construction • Prepare estimates, bids and tenders in construction • Health and safety in building services engineering • Develop and maintain working relationships and personal developments in Construction • Record the condition of property in construction • Prepare drawings and schedules in construction • Prepare for, collect, analyse and present survey data in construction • Sustainable building standards, regulations and methodologies in sustainable construction • Prepare proposals and obtain feedback for the provision of products and services in construction • Prepare and monitor costs and accounts in construction • Implement contract work in construction • Advise clients and customers on sustainable construction • Assess, plan and monitor project methods and progress in construction • Environmental impact of buildings in sustainable construction • Integrate and control project design information in construction • Prepare for work operations in construction

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Benefits

- Saves practitioners' time

- Content developed by current teaching practitioners

- Confidence that resources are relevant and reliable

- Supports blended learning

- Ready made resources that can be used in the classroom or as homework

- Engaging and interactive

- Value for money

- Covers a range of qualifications

- Supports non-subject specialist teaching staff

- Supports accessibility and inclusion

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Teaching ideas

Blended learning – include our videos, guides, quizzes, activities, infographics and games in lesson plans

Flipped learning – introduce learners to content before the lesson and then use valuable classroom time to support learners

Independent learners – encourage learners to access the resources themselves to improve their digital literacy

Interactive revision – promote the resources as a revision tool, to motivate learners to revise more effectively

On the go – our resources can be accessed from a range of devices, so can be accessed on the journey to college
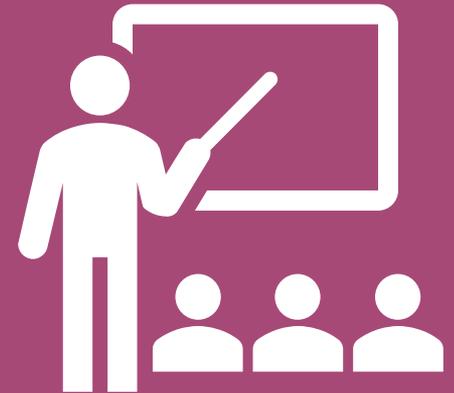
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Accessibility and inclusion

- Jisc is committed to ensuring that our resources can be accessed and used by all our members

- WCAG 2.1 compliance

- Audio narration to aid visually impaired learners

- Guides and infographics are in PDF machine readable format, allowing users to use read-a-loud functions and highlighting

- Transcripts are available to support accessibility and differentiation

- All resources were designed to have suitable contrast levels for ease of reading for learners with reading difficulties and colour-blind learners

- Aim to meet AA accessibility standards and aim to conform to the latest EU directive on accessibility
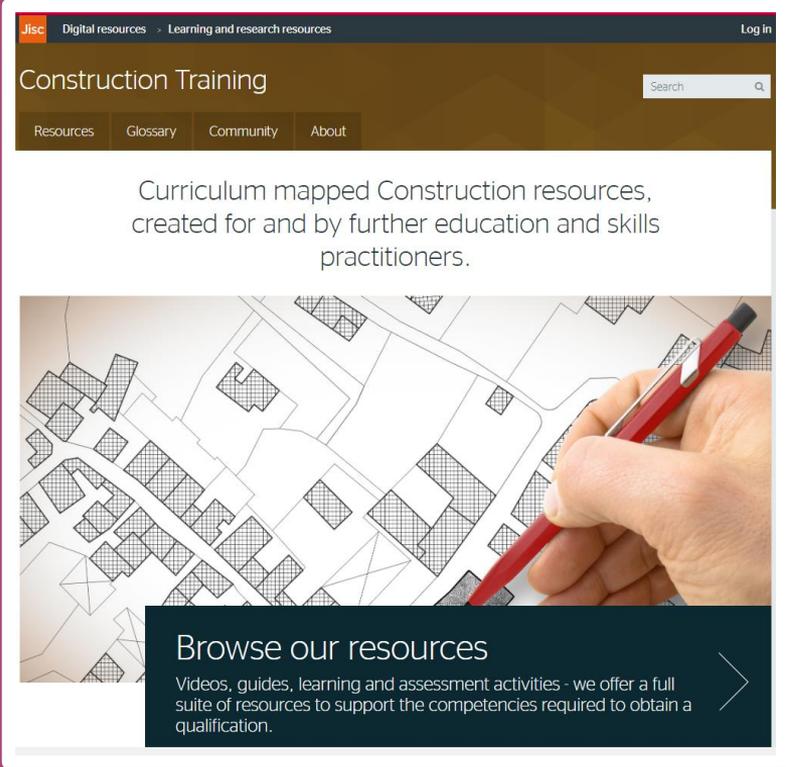
More information on accessibility:

https://construction.jisc.ac.uk/about/accessibility/

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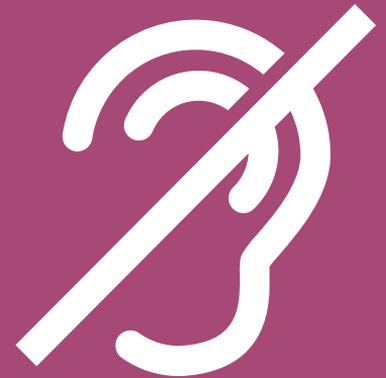
Websites

- Resources can be searched through a sophisticated searching platform that has been developed through accurate tagging and metadata

- Users can browse by level, type, qualification, subject and unit title on each service

- The platform is cross-browser responsive with a user-centred design

- Keywords link topics and levels together so users can progress into additional learning material in a similar topic or level

- Demonstration

Formats

- Interactive resources with supporting resources

- Most units follows a similar structure and include: curriculum-mapped learning outcomes, essentials, case study, reflection, activity and summary sections

- Extensive glossary of terms

- Audio that can be turned on/off

- Notifications that give supporting information

- Supporting resources such as guides

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Demonstration

Electrical systems design

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Cost

What will the service cost?

- Paid for service outside the core FE subscription

- Subscription to the services for the 2019-2020 academic year is priced through the Jisc Collections banding model. Information about Jisc Collections banding can be found here

- Free trial available until 31st July 2019

- Another two month trial will also be available during the next academic year for all members

Jisc collections band	Price per skills service
C	£2,500
D	£2,000
E	£1,750
F	£1,500
G	£1,250
H	£1,000
I	£900
J	£750

Discounts

- Discounts available for subscriptions to more than one skills service

- Other skills services available:
  - Health and social care training
  - Digital and IT training
  - Education and childcare training

- Discounts will be available to organisations who subscribe to more than 1 of the 4 skills services
  - Buy 1 content service – pay full price
  - Buy 2 content services – get 10% discount off the additional service
  - Buy 3 content services – get 15% discount off the two additional services
  - Buy 4 content services – get 20% discount off the three additional services

Jisc collections band	Price per skills service
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H	£1,000
I	£900
J	£750

Useful links

Skills services

Construction training site:

https://construction.jisc.ac.uk/

Ask your librarian to subscribe to the free trial through Jisc Collections:

https://www.jisc-collections.ac.uk/Catalogue/Overview/Index/3053

Support sites

We will be launching a support site for the skills services in the coming weeks. This site will feature designated areas for librarian support and teacher support with tips for how to use the service, as well as additional supporting materials.

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Q&A

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FE and skills

content.feandskills@jisc.ac.uk

6th Floor, Churchgate House, 56 Oxford Street, Manchester, M1 6EU

T 0161 413 7520