Career Colleges®

Developing Digital Pedagogy

Facilitating digital classrooms for the future

The digital challenge

Technology is all around us, transforming the way we live, work and do business. The Digital Economy is growing and is now almost 20 times bigger than it was in 2009. Digitisation is impacting our lives both as employees and as consumers and service users, with the transformation requiring UK citizens to acquire greater levels of digital awareness and skills.

One of the challenges facing the country is the 'digitisation' of all sectors of employment, which will require a significant shift in the skills required by employers in well-established occupations such as retail, health, financial services and construction to name but a few.

The educational imperative

The FE and skills sector is by far the largest provider of post 16 education, including the delivery of apprenticeships, work-based learning and adult skills. It therefore has a vital role to play in ensuring that the current and future generations have the digital skills required to enjoy sustainable employment and economic prosperity.

However, a report by the House of Lords Select Committee on Digital Skills identified that whilst there are pockets of excellence "the workforce skills in further education are woefully inadequate". It goes on to say "digital skills should be improved by including a digital element in all further education course". [1]

These recommendations have been strengthened in recent reviews, including the Sainsbury Review of Vocational Education, which recommends that digital skills become part of the core programme delivered in one of the 15 recommended pathways and the inclusion of digital literacy in the new apprenticeship standards. [2]

Career Colleges Trust Commitment

The Career Colleges Trust is committed to supporting the wider further education and skills sector to overcome the challenges it faces in ensuring young people are adequately prepared to enter employment in an increasingly digital world, by:

1. Supporting Career College leaders, managers and teachers to develop and keep pace with the skills required in this fast moving industry and to use technology effectively in teaching and learning.

2. Ensuring that all students (aged 14 to 19) studying within a Career College, regardless of their specialism, has an entitlement to develop the necessary digital literacy skills to enable them to participate and add value to their community and economy in an informed, safe and managed way.

We are therefore offering the sector an opportunity to access some of our digital resources, outlined in this prospectus, to support the confidence and capability of their staff in delivering a digital agenda.

If you would more information on developing the digital skills of your staff please contact Christina Gaskin on 07975 916304.

Digital Resources

1 Edtech-Assess

Allowing you to assess and then ascertain the digital skills of your workforce. Can be useful for targeting digital skill deficits and opportunities within your workforce.

2 ETF – Digital Bitesize Courses

There are four, 5 guided learning hour courses, developed as a result of proven demand in the sector. These include:

1. Video Learning
2. Using Social Media in Teaching Learning and Assessment
3. Using virtual meeting technologies to engage and motivate learners in the classroom, the workplace and beyond
4. Assessment for Learning

3 Tech Enabled Educator Course

This CPD course, is an intensive, level 4 qualification that counts towards QTLS status. The course will:

1. Allow practitioners to view digital literacy and learning technology in the context of their educational setting
2. Gain awareness of digital pedagogy and theoretical approaches
3. Apply their knowledge of learning technologies and pedagogy to effectively implement a curriculum using these technologies

4 Digital Leaders

This programme aims to develop leaders and managers in mainstreaming digital learning within their institutions by building their capacity to develop an innovative digital strategy.

These four products, although distinct, do complement one another. The Career College Trust proposes that you progress through the courses in the order listed above. If you buy 20 places on any one of the four Bitesize Courses you will receive a free Digital Skills Analysis for teaching staff, valued at £2000.

1

Edtech-Assess

Do you know the digital capability of your existing or future workforce?

Do your teaching and training staff have the digital literacy skills to future proof your institution?
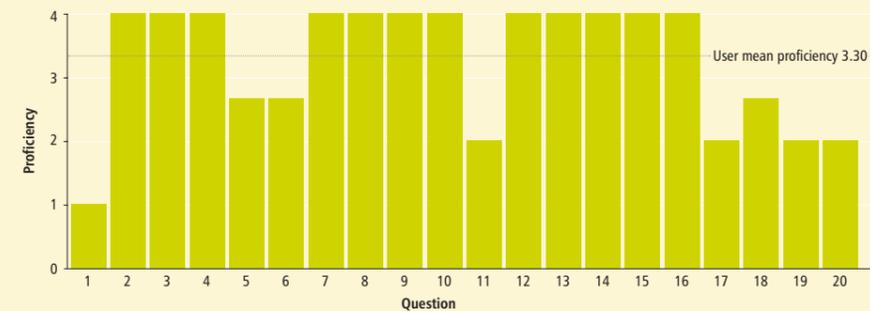
Research with 40 FE and Skills providers, as part of the Education and Training Foundation's Learning Technology Self-Assessment project, found that there was extremely low use of learning technologies and modest use of blended and online learning across the sector. It also highlighted that the biggest barrier inhibiting such technologies was staffing, followed by major gaps in leadership and management. This resulting deficit in staff development, along with a lack of investment in the continual updating of such technologies, meant that both new and existing staff had low digital literacy skills.

The research identified that over 60% of organisations rated the digital literacy skills of their teaching staff workforce as weak, with significant gaps in knowledge. Only 15% of organisations had systems in place to address the skills gaps experienced by staff. (Learning Technology Self-Assessment Project Final Report 2015.)

Is your institution ready to deliver a truly digital curriculum?

Our Edtech-assess service provides a comprehensive training needs analysis (TNA) to enable institutions to plan how to develop the workforce and target CPD resources to best effect. The service has been developed to support education and training providers become 'tech' ready by analysing the digital skills of the teaching workforce, managers, departments and wider institutions.

Using Learning Technology in Teaching and Learning

User mean proficiency 3.30

How do you perform in the following?	Early stages/novice in all aspects	Developing capability in all aspects	Good/reasonably capable in all aspects	Proficient in all aspects
1. Use Interactive White Board technology as part of classroom activities	●	○	○	○
2. Locate and download online curriculum resources	○	○	○	●
3. Download and embed video links or content into presentations	○	○	○	●
4. Understand and comply with copyright and creative commons licencing	○	○	○	●
5. Plan lessons that integrate technology which can be used in a variety of settings	○	○	●	○

Edtech-Assess for Teachers/Trainers:

A digital literacy analysis service for teachers, trainers and assessors which provides a comprehensive audit of staff skills. This service is an easy to use online tool that provides personal results for the individual as well as an aggregated report for decision-makers. It is broken down by age, gender, ethnicity, rank, department and subject sector area. The tool explores an individual's personal use of technology, use in teaching, learning and assessment as well as within professional development.

Edtech-Assess for Managers/Leaders:

We also offer a digital literacy analysis for leaders and managers which provides an audit of management skills. This service is an easy to use online tool that provides personal results for the individual as well as an aggregated report for decision-makers on management capability and capacity on leading digital change. The manager's version of the tool explores personal use of technology in everyday life; using learning technology to lead teaching and learning and assessment: leading quality in digital learning; leading the use in continuing personal development and capability in developing a strategy.

ETF Digital Bitesize Courses

The Career College Trust, working in partnership with **Ideas 4 Learning Ltd**, **Barking & Dagenham College** and **Coralesce Ltd**, has been commissioned and funded by the Education and Training Foundation to develop four digital CPD courses. These four bitesize courses are designed to help improve digital skills of teachers within the learning and skills sector, by furthering their ability to use technology confidently in the classroom.

The four bitesize courses, each lasting five guided learning hours and delivered online will focus on specific areas of digital development including **Video learning, Social Media in Teaching and Learning, Online Assessment** and **Effective use of Online Meeting and Webinar Technologies.**

"Digital skills development is one area that our sector consultations continues to show a need for, particularly for those getting started that want a non-accredited guided route. Practitioners tell us they want a safe, peer-supported environment to practice in where they can share their experiences. These courses offer just that". **Dawn Buzzard.**

1 Video Learning

The course will introduce pedagogical approaches that utilise video with examples in practice across a range of curriculum areas including maths and English.

The course consists of four modules, each showcasing a different way in which video can be used effectively:

- **Learning** — This module explores different types of video and the ways in which video can be used in learning. There is advice on making videos and the equipment you can use
- **Support** — This module explores how video can be used to enable learners to independently access support. It looks at the use of QR codes and augmented reality Apps
- **Assessment** — This module explores how to create video assessment resources. Interactive video of this kind is useful when introducing pedagogical approaches such as flipped learning, blended learning and online learning. Some video quiz tools will feature gamification technology
- **Feedback** — This module explores how video can be used to provide enhanced feedback on assignments through the use of screencast videos

2 Using Social Media

The course will introduce some of the frequently used social media tools and how they can be utilised to engage, support and enhance learning. This will be a highly interactive course and participants will be experimenting and actively using the tools discussed for the duration of the course. All modules provide examples of how the social media tool has been used and participants are encouraged to reflect on how they will be used in their own practice.

The course comprises of the following modules:

- **Using Twitter** — Participants will be supported in setting up a Twitter account and have the opportunity to tweet to other course members while also using Twitter to feedback their thoughts and ideas
- **Twitter Learning Wheels** — Showcases different ways in which Twitter can be used for: communication, collaboration, assessment and learning content
- **Gathering/curating tools** — Using Padlet and Pinterest
- **Using Facebook and LinkedIn**
- **Understanding your own digital practices**

3 Using Virtual Meeting Technologies to engage and motivate learners in the classroom, the workplace and beyond

The course introduces some of the key functionalities and pedagogical opportunities facilitated through online learning, including video conferencing for both individual tutorials and groups.

 Participants will cover:

- What are virtual meeting technologies
- Benefits of live online teaching, in teaching, learning and assessment
- How can online teaching benefit maths, English and vocational learners
- Introduction to virtual meeting tools such as Zoom, Skype, GoToMeeting, Big Blue Button and Google Hangouts
- Designing and running a virtual meeting session

4 Assessment for learning

The course will introduce participants to different tools and technologies that can be used to enhance the assessment for learning process. They will see how technologies can support a range of assessment and feedback formats as well as guide learning. In addition the development of effective tracking and monitoring tools will enable teachers to make early support interventions.

The course will cover:

- What is assessment for learning?
- Tools for assessment in the classroom (technologies and Apps)
- Tools for self and peer assessment
- Quizzes and designing questions
- Enhanced feedback
- Tracking and monitoring progress

The Education and Training Foundation will be charging a fee of £100 for each 5 guided learning hour course which can be booked online at **booking.etfoundation.co.uk/course/browse**

SPECIAL OFFER

The Career College Trust is offering a free digital skills analysis for teaching staff (worth up to £2000) to any organization that books 20 places on these bitesize digital skills courses.

Technology Enabled Educator Course

Designed in consultation with 15 educational providers, this CPD qualification is aimed at teachers and leaders within the education and training sector.

This online learning programme will develop the skills and confidence of educators to embed technology within the learning process, in efforts to inspire and better prepare learners.

Challenging and engaging, the course encourages participants to re-evaluate their own and their organisation's approach in the light of new digital pedagogies. Learners build their own bank of appropriate resources and claim open badges as they develop the knowledge and skills to achieve national recognition as Technology Enabled Educators.

Delivered 100% online this course provides tutor and peer support through webinars, forums, social media and online chat. Hosted on the cloud the course content is available 24/7 via PC or mobile devices. Participants take part in a wide variety of learning activities to suit different learning styles and course content is delivered using a range of media and applications, exemplifying best practice in the use of educational technology.

The course comprises four units

1. Learning technology in the context of Teaching and Learning
2. Developing digital skills and a Learning Technology Toolkit
3. Curriculum Planning for the Use of Learning Technologies
4. Curriculum delivery using Learning Technology

The course will...

Allow practitioners to view digital literacy and learning technology in the context of their educational setting.

Develop practitioners' awareness of digital pedagogy and the theories behind digital literacy development.

Allow practitioners to apply their knowledge of learning technologies and pedagogy to plan a module of curriculum using learning technologies.

Tools you will work with...

You will be introduced to a number of learning technology tools that can be used in your specialist area, and you will investigate a number of tools yourself to develop your own personalised toolkit.

Some of the tools include:

- Video and audio editing tools
- Communication tools
- Social media
- Bookmarking tools
- Drawing tools
- Virtual notebooks
- Annotation tools
- Blogging tools

Assistance throughout...

- Advice during asignments
- Pedagogy and e-learning tips
- Essential activity as well as advisable activity

"I have transformed the way I assess students on their BTEC programme, I am now building technology into their assignments, getting them to research organisations, write a blog about the organisation and post it on their website. I have also improved their digital skills – I have taught them how to use TumblR and how to blog in a professional context"

Seta Bassi – Lecturer at Birmingham Metropolitan College

Level 4 qualification
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Supports QTLS status
……..

Simple and intuitive to use
……..

"I have learnt a lot about online and blended learning, learning with many different learning technologies, and the impact on colleagues and especially learners. I've explored so much and I am currently in a better position at the college to be an agent for change. I plan to absolutely champion Google Classrooms explore Microsoft Classroom as a comparison and continue to include a mix of technologies that benefit and engage all.

"My learners have benefited already (being my guinea pigs) and have commented on how 'their' learning makes them independent, accessible and interesting. I have already gained funding and received £10,000 worth of devices to benefit the learning in the classroom and plan to seek for more."

Paul Barnes – Lecturer at Lincoln College

Digital Leaders

Research with 40 FE & Skills Providers in 2014 found low digital literacy levels of leaders and managers and major gaps in relation to:

- Understanding digital learning
- Understanding how to embed it within teaching and learning strategies
- Having a lack of capability to develop and communicate a strategy
- Having the skills to engage with virtual learning environments and being able to role model their use
- Understanding how to measure impact

Although online/blending learning is currently relatively low in the sector, over the next five years this will significantly change. As a result of changing government policy, funding cuts, the impact of technological change and the potential for growth and new efficiencies by reaching out to learners in non-traditional ways, will be hugely notable.

This programme aims to develop leaders and managers in mainstreaming digital learning within their institutions by building their capacity to develop an innovative digital strategy.

This blended learning programme provides tutor and peer support through webinars, forums, social media and online chat. Hosted on the cloud, the course content is available 24/7 via PC or mobile device. Participants take part in a wide variety of learning activities to suit different learning styles.
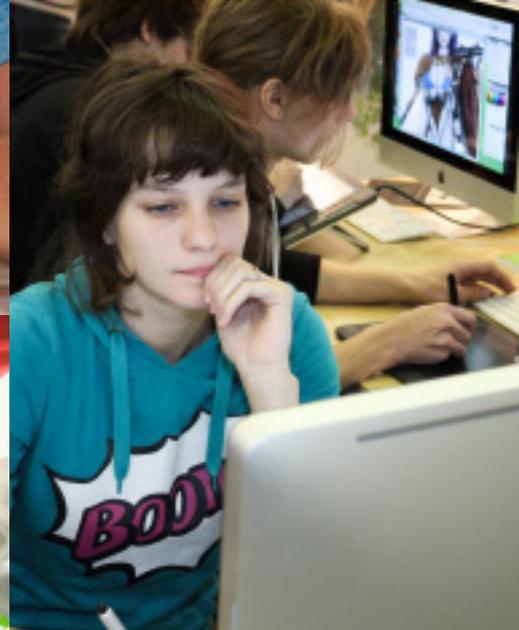
Course content is delivered using a range of media and applications, exemplifying best practice in the use of educational technology.

The programme runs over 12 weeks and has 45 guided learning hours including two face-to-face events.