New Learning Technologist Development Toolkit

About the toolkit

This toolkit provides learning design and digital skills development resources and training for staff new to working with learning technology, whether you have just joined the University or have moved internally from another role. It is intended to be used as part of your onboarding plan, but may also be used as a general development pathway.

The toolkit aims to build a foundation level of knowledge across our pool of learning technologists, covering the core learning technologies that you will use at the University alongside learning design and good teaching practices. School-specific tools and practices will be covered locally.

The toolkit is based on Jisc's <u>Developing Digital Capability model</u> and <u>Learning Technologist role profile</u>, job descriptions of learning technology roles advertised in the University in May 2020, and the University's <u>Digital Skills Framework</u>. It is divided into six sections corresponding to the digital capabilities in Jisc's Developing Digital Capability model. Tasks that you will carry out as part of your role are listed alongside resources for developing the skills required to perform those tasks.

The toolkit is flexible and provides a variety of guidance and training, and you should use it on a pick-and-mix basis identifying with your manager which areas are most relevant to your role and school. Some learning activities are self-study and others are live events. We estimate that it will take around 21 hours to complete a reasonable amount of activities, but this will of course depend on your starting point.

The toolkit was developed in Learning, Teaching and Web Services in Information Services Group. You'll find it at www.ed.ac.uk/is/new-learning-technologist.

Learning outcomes

On completing the learning activities in the toolkit you will be able to:

- 1. **Use university systems for administrative and other general tasks**, e.g. email, calendars, document storage and sharing, collaboration.
- 2. **Build academic courses** in the virtual learning environment, following University guidelines and learning design processes.
- 3a. Create a range of digital learning, teaching and assessment artefacts and resources, e.g. text, images, video, audio, blogs, quizzes.
- 3b. Critically assess and use appropriate digital teaching resources, ensuring appropriate learning technologies are deployed to best support pedagogy.
- 4a. Understand issues relating to **intellectual property rights, copyright and licensing**, including the use and value of open licenses such as Creative Commons. Support staff to find and re-use open licensed media resources.
- 4b. Have an awareness of legislative requirements relating to accessibility, equality, data protection and freedom of information in the context of online education.
- 5a. Provide pedagogic and technical guidance and encouragement on the use and development of technology enhanced learning, assessment and feedback tools.
- 5b. **Support staff and students**, as teachers and learners in technology-rich settings, in the use of learning technologies.
- 6. Collate, manage, access and use **data in spreadsheets and other formats**. Run analyses and reports. Support others to use data from learning systems.

Using the toolkit

- 1. Read through the 'Task' and 'Learning resources and activities' columns and identify, with your manager or another colleague as appropriate, those that are relevant to your role.
- 2. Build your development programme:
 - a. See the example programme below to help you visualise what your programme might look like.
 - b. Prioritise your areas for skills development.
 - c. Structure your programme around the dates on which webinars and live events are running, and remember to book your place.
 - d. Schedule time to complete self-study activities such as reading and digesting web-based content and user guides. Where <u>LinkedIn Learning</u> resources are listed, do browse the catalogue for other software versions and related content.
 - e. With your manager, add in any local context, tools and practices.
- 3. It will probably take you at least a few weeks to work through your programme. Once you've done so, please let us know how you found it by emailing is.skills@ed.ac.uk.

Networking and development for Learning Technologists at Edinburgh

The University has an active network of Learning Technologists through which you can meet others in similar roles, keep up to date with the fast-changing teaching landscape, share good practice and support each other. We encourage you to join. Please email <u>is.skills@ed.ac.uk</u> with your name, job title, and school so that we can add you to the network and keep you informed of events and developments.

- Communities and knowledge exchange
 - o <u>Learn User Group</u> a community for school-based Learning Technologists and stakeholders to shape Learn for the future and share good practice with the University community.
 - <u>Learning Design Community</u> a community for sharing news and good learning design practice across the University.
 - o <u>Teaching Continuity Preparation</u> guidance and advice on how to continue teaching when you and your students are unable to access the campus.
 - o <u>Edinburgh Hybrid Teaching Exchange</u> sharing insights and plans for the move to hybrid teaching for the new academic year.

Development

- o The <u>CMALT Accreditation Framework</u> provides pathways to peer-assessed accreditation for Learning Technology professionals in the UK and internationally.
- The University's <u>Digital Skills Framework</u> can help you evaluate your current levels of digital capability, reflect on your development needs, plan your development path and find resources to help you develop your skills.
- The University's <u>Institute for Academic Development</u> provides support for teaching, learning and researcher development through a mixture of direct support for students and staff (e.g. workshops, online resources, networks and advice) alongside support for curriculum innovation and enhancement.

Example programme starting on Monday 29th June 2020

In the example below it would take a new Learning Technologist around three full-time days (21h) to develop a foundational knowledge of learning design and technology - 6 hours of webinars and 7-14 hours of self-study.

Week 1

Start with the foundations of **learning design** at the University by reading web-based guidance on ABC and ELDer.

Attend the 'ABC Train the Trainer' workshop to find out more about ABC or to learn how to run your own ABC learning design session.

Go to our online hub to find out about **teaching continuity** and the range of tools, support and guidance available to you on how to continue teaching when you and your students are unable to access the campus.

Week 2

Read up online about the University's **virtual learning environments**, including Learn Foundations - a multi-year service improvement project that is helping Schools to better support our students.

Any time

Supplement your learning by attending a webinar on 'Using Learn to engage with students'.

9 July @14:00

Week 3

Attend the 'Using Media Hopper Create' webinar to learn about the University's **media** management service.

13 July @11:00

The same webinar will give you an overview of **lecture recording** (using Media Hopper Replay), after which you can consolidate your knowledge and find out about support available to teaching staff by browsing our collection of over 15 online user guides.

Any time

Questions? Pop in to an online 'Remote teaching drop-in session' hosted by experts in educational design and digital education.

14 July @15:00

Brush up your skills in creating a range of digital learning, teaching and assessment artefacts though a wealth of web pages and online guides. Learn how to create videos, with subtitles, and find out how to create images with LinkedIn Learning online video tutorials.

Any time

Ensure the content you create is **accessible** by following guidelines set out in our self-enrol online course (in Learn) called 'Increasing the accessibility of your teaching using learning technology'.

Any time

Week 4

Learn about Collaborate, our **virtual classroom**, by attending the 'Using Collaborate in Learn' webinar or reading online guidance.

21 July @14:30

Make sure that you understand issues relating to **intellectual property rights, copyright and licensing**, including the use and value of open licences, at our 'Copyright, licensing, and open materials for remote and hybrid teaching' webinar.

22 July @14:00

Our online assessment and feedback guidance covers assignments, tests and quizzes, peer assessment, digital portfolios and blogging and media-based assessments. Supplement this with a webinar or online course (in Learn) looking at using Turnitin for assessment submission, marking, feedback and similarity checking.

Any time

Learning resources and activities

1. Using university systems for administrative and general tasks

Digital capability	Task	Learning resources and activities	Guidance	Online video or course	Live webinar
	Use university systems for administrative and other general tasks, e.g. email and other communication systems, calendars, document storage and sharing, work planning and project management tools.	MS Office and Office 365 Introduction to Office 365 (UoE webinar, 1h 30) Many online training courses on LinkedIn Learning covering a range of Office 365 topics Email Outlook Essential Training: Office 365 online training (LinkedIn Learning, 2h 9min) Outlook 2016 Essential Training online training (LinkedIn Learning, 2h 49min) Document management and collaboration OneDrive: Learning OneDrive online training (LinkedIn Learning, 55min) OneDrive for Business Essentials online training (LinkedIn Learning, 50min) OneDrive Quick Tips online training (LinkedIn Learning, 25min) SharePoint: User guide: Navigating and using a SharePoint Online site (UoE pdf, 13 pages) Guidance (UoE web pages) Learning SharePoint Online online training (LinkedIn Learning, 1h 40min) Online meetings and events Online and Digital Events Service (UoE web pages) Microsoft Teams: Guidance (UoE web pages) Training ('Getting started with Microsoft Teams - webinar' webinar, 1h30min) Training ('Getting started with Microsoft Teams - webinar' webinar, 1h30min)	•		• •
		 Check <u>www.events.ed.ac.uk</u> for summer 2020 dates 			

2. Building academic courses

Digital capability	Task	Learning resources / development activities	Guidance	Online video or course	Live webinar
	Build academic courses in the virtual learning environment, following University guidelines and design processes.	Learning Design at the University • Learning Design (UoE web pages) offering detailed information and guidance on the core learning design processes used at the University, ABC and ELDeR. • ABC curriculum design (including hybrid learning) guidance and resources (UoE web pages). New Learning Technologists should understand ABC and be able to use it for hybrid learning design. • Training ('ABC Train the Trainer Workshop' UoE Teaching Continuity webinar, 1h) • 2, 16, 30 July (15:00-16:00) • 13, 27 August (15:00-16:00) • ELDER (UoE web pages). New Learning Technologists generally need only have an awareness of ELDER. Teaching Continuity Preparation • Guidance and training (UoE web pages) - A range of tools, support, and guidance on how to continue teaching when you and your students are unable to access the campus including tips, tools and training for teaching remotely (most of which are referenced throughout this toolkit). • Drop-in session ('Remote teaching – drop-in session' UoE Teaching Continuity session) • 7, 14, 21, 28 July (15:00-16:00) • The Edinburgh Model for Teaching Online is a model of online teaching distilled from the body of online programmes at The University of Edinburgh and was developed by Information Services Group and the Centre for Research in Digital Education. Access the teaching toolkit and training (7 week course starting on 22 June).	Guidance		
		 Virtual Learning Environments (VLEs) at the University ◆ <u>Virtual Learning Environments information and guidance</u> (UoE web pages) covering Learn and Moodle, the core VLEs used at the University. 	•		

Blackboard Learn (including Learn Foundations Programme)			
 Learn Foundations Programme: Learn Foundations SharePoint site providing the most up to date information on programme developments and activity Learn Foundations overview (web pages) Projects website: TEL057 (web pages) 	•		
 Learn: Guidance (UoE Learn service web pages) Guides (pdfs) Training and events (UoE web pages) – Details of all Learn training and events including short videos. A variety of additional webinars will be scheduled for summer 2020 and details and booking links will appear on this web page. Training ('Using Learn to engage with students' UoE Teaching Continuity webinar, 1h) 25 June (14:00-15:00) 2, 9, 16, 23, 30 July (all 14:00-15:00) 6, 13, 20, 27 August all (14:00-15:00) 	•	•	•

3. Creating a range of digital learning, teaching and assessment artefacts and resources

Digital capability	Task	Learning resources / development activities	Guidance	Online video or course	Live webinar
Digital Creation, Problem Solving and Innovation eded	Create a range of digital learning, teaching and assessment artefacts and resources, e.g. text, images, video, audio, visualisations, infographics, presentations, podcasts and screencasts, blogs and web posts, quizzes. Critically assess and use appropriate digital teaching resources,	Learning technology at the University ■ Learning Technology Training and Help Resources (UoE web pages) covering the core learning technologies supported at the University Creating and editing artefacts ■ Video: □ Desktop recording using the Universal Capture Tool in Media Hopper Replay (UoE pdf, 7 pages) □ Adding subtitles to videos ■ Subtitling for Media Hopper Create video (UoE, 6min) ■ Subtitling and Style Guide (UoE pdf, 9 pages) — also accessible with the above video ■ Images: □ Inserting Pictures (from 'Learning PowerPoint 2016') online training (LinkedIn Learning, 3min) □ Format Pictures (from 'Quick Word Tips') online training (LinkedIn Learning, 1min)	•	course	
Digital	ensuring appropriate learning technologies are deployed to best support pedagogy.	Publishing and delivering content Publishing and delivering content Publishing media content using Media Hopper Create, the University's media management service: Training ('Using Media Hopper Create' UoE Teaching Continuity webinar, 1h) 6, 13, 20, 27 July (all 11:00-12:00) Guidance (UoE web pages) Lecture recording using Media Hopper Replay: Training ('Using Media Hopper Create' UoE Teaching Continuity webinar, 1h) 6, 13, 20, 27 July (all 11:00-12:00) Guidance (UoE web pages) User guides for staff (pdf) User guides for students (pdf) Virtual classroom (Collaborate): Training ('Using Collaborate in Learn' UoE Teaching Continuity webinar, 1h) 23, 30 June (all 14:30-15:30) 7, 14, 21, 28 July (all 14:30-15:30) and 4 August (14:30-15:30) Guidance (UoE web pages)	•	•	•

Blogging:		
o <u>Training</u> ('Blogging for remote and hybrid teaching' webinar, 1h)		•
■ 2 July (12:00-13:00)		
■ 3 August (12:00-13:00)		
■ 8 September (14:00-15:00)		
o <u>Training</u> ('Academic Blogging: Blogging to build your professional profile' webinar, 1h)		
■ 1 July (12:00-13:00)		
■ 11 August (13:00-14:00)		
■ 2 September (10:00-11:00)		
o <u>Guidance</u> (web pages)	•	
o <u>UoE blogging platform</u> (blogs.ed.ac.uk service access via web pages)	•	
Computational notebooks		
The Noteable service is a centrally supported service offering access to Jupyter notebooks for teaching purposes,		
available to all staff. Computational notebooks are interactive documents that can contain both computer code		
(such as Python) as well as rich text and media content (paragraphs of text, equations, images and links) and they		
can be powerful teaching tools.		
o Guidance on the Noteable service (UoE web pages)	•	
o Training ('Introduction to Noteable Computational Notebooks' webinar, 45 min)		
■ 30 June (14:15-15:00)		•
■ Check www.events.ed.ac.uk for summer 2020 dates		
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Resource lists		
Resource Lists are online reading lists, and they provide students with easy access to key reading materials		
including e-books and copyright-compliant digitisations. You can load your Resource List directly into the virtual		
learning environment for easy access.		
Resource lists (UoE web pages)	•	
incodice note (our web pages)		
Library collections		
The Centre for Research Collections (CRC) is the University's centre for cultural and heritage collections. Search		
the collections for rare books, theses, manuscripts and personal papers as well as art and musical collections for		
inclusion in your courses. In addition to the Centre for Research Collections, the University's unique Cultural and		
Heritage Collections can be accessed at other sites around the University campus.		
Library services including collections (UoE web pages)	•	
LIDIALY SCIVICES INCIDING CONCECTIONS (OUL WED PAGES)		
Creating web and intranet sites and content		
 University website publishing guidance (web pages) 	•	
o Training in content management system ('EdWeb training')	-	•
o Online training in Effective Digital Content and Writing for the Web		•
o Training in Google Analytics		•
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4. Understanding intellectual property rights, copyright and licensing and accessibility

Digital capabi		Task	Learning resources / development activities	Guidance	Online video or	Live webinar
Information, Data and Media Literacies	Digital Creation, Problem Solving and Innovation	Understand issues relating to intellectual property rights, copyright and licensing, including the use and value of open licences such as Creative Commons. Support staff to find and re-use open licensed media resources. Have an awareness of legislative requirements relating to accessibility, equality, data protection and freedom of information in the context of online education.	Open Educational Resources (OER) Guidance (UoE web pages) Open.Ed (UoE OER service website) Guides on how to share and use open resources (guides are on OER service website) Training can be arranged on demand by emailing is.skills@ed.ac.uk Copyright Open.Ed (UoE OER service website) including information on copyright Guidance on copyright in teaching (UoE web pages) Training ('Copyright, licensing, and open materials for remote and hybrid teaching' webinar, 1h) Suly (13:00-14:00) and 22 July (14:00-15:00) Creating Accessible Content Guidance (UoE web pages) on creating accessible course content and applying Universal Design principles to course design. 'Universal Design' training: Check www.events.ed.ac.uk for summer 2020 dates Arrange an on demand course by emailing is.skills@ed.ac.uk Online training ('Increasing the accessibility of your teaching using learning technology') - on-demand self-enrol course in Learn Adding subtitles to videos Subtitling and Style Guide (UoE pdf, 9 pages) — also accessible with the above video	•	course	•

5. Providing guidance on the use of digital learning, assessment and feedback tools

Digital	Task	Learning resources / development activities	Guidance	Online video or	Live webinar
capability Digital Learning and Development	Provide pedagogic and technical guidance and encouragement on the use and development of technology enhanced learning, assessment and feedback tools. Support staff and students, as teachers and learners in technologyrich settings, in the use of learning technologies.	Assessment and Feedback Assessment and Feedback guidance (web pages) covering assignments, tests and quizzes, peer assessment, digital portfolios and blogging and media-based assessments. Online assessment Standard typed and written assessment guidance (web pages) providing information and guidance on moving from exams to alternative forms of assessment for assessment continuity. Electronic voting and audience response system (Top Hat) Guidance (web pages) Training Check www.events.ed.ac.uk for summer 2020 dates Assessment submission, marking, feedback and similarity checking using Turnitin Guidance ('Advice for staff: Using Turnitin to support assessment practices' web pages) Help and support resources including videos and user guides (pdf) for staff and students such as 'Creating a New Turnitin Assignment in Learn' guide (UoE pdf, 3 pages) Training: Check www.events.ed.ac.uk for summer 2020 dates Online training - on-demand self-enrol course in Learn due for release in June 2020 Creating and delivering assessments online using Questionmark Perception (QMP) Guidance (web pages) including example assessments, adding a QMP link to your Learn course and help and support.	•	€	•

6. Using data for analysis and reporting

Digital capability	Task	Learning resources / development activities	Guidance	Online video or course	Live webinar
Information, Data and Media Literacies	Collate, manage, access and use data in spreadsheets and other formats. Run analyses and reports. Support others to use data from learning systems.	 Excel Excel Essential Training: Office 365 online training (LinkedIn Learning, 2h 10min) Excel 2016 Essential Training online training (LinkedIn Learning, 8h 53min) Excel Tips Weekly online training (LinkedIn Learning) Training ('Basic charts in Excel' webinar, 30 mins) 30 June (11.15-11.45) 14 July (12:00-12:30) and 28 July (11:15-11:45) Training ('Basic data visualisations' webinar, 30 mins) 23 June (10:30 – 11:00) 7, 21 July (10:30 – 11:00) SAP BusinessObjects Business Reporting and Analytics guidance (web pages) SAP Business Objects learning resources and training (online self-paced learning; additional webinar in development) 	•	•	•