

Free e-resources for Continuous Professional Development (CPD) for Engineers, Architects and Business Services Professionals.

Here are some resources to look through and find ones that are useful for you, regarding preparing for professional employment in the UK. They have been kindly provided by employers and candidates.

Please note that some of the resources are free for only one month, so be careful to cancel your account if you wish to avoid a fee.

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Free soft-skills (people skills) resources, kindly made available to Transitions' candidates by Mace construction, until end May 2020

www.skillboosters.com/members/

Username - preview354 (lower case and no spaces)

Password - welcome

Open Culture

Free educational media. Find thousands of free online courses, audio books, textbooks, eBooks, language lessons, movies and more. Free <http://www.openculture.com/freeonlinecourses>

Technical Resources below kindly provided by Arcadis, ARUP, Price & Myers and candidates:

BIM360 Training

[Collaborating with BIM360 Design](#) (LinkedIn Learning)

Very useful site explaining the design context in the UK, including regulations

<https://www.designingbuildings.co.uk/wiki/Home>

Revit Training

Revit For Beginners (LinkedIn Learning)

[Basic Revit](#)

Revit After Beginners (LinkedIn Learning)

[Architecture](#)

[Structures](#)

[MEP](#)

Advanced Users of Revit and Lumion (YouTube)

[Tips & Tricks](#)

[Family Creation](#)

Revit & other Autodesk training

<https://academy.autodesk.com/curriculum>

<https://www.autodesk.co.uk/free-trials>

Autodesk Webinars

<https://academy.autodesk.com/inspiration/webinars>

Dynamo Training

[Dynamo Basics](#) (Youtube)

[Learn the Essentials](#) (LinkedIn Learning)

[Dynamo for Revit Workflow](#) (LinkedIn Learning)

[Dynamo Practical Uses](#) (LinkedIn Learning)

[Advanced Tips & Tricks](#) (Youtube)

Navisworks Training

[Navisworks Essentials](#) (LinkedIn Learning)

BIM Training

[Foundations of BIM](#) (LinkedIn Learning)

Python, Mobile App and many other courses

[Harvard University courses](#)

Free Code Camp

Learn to code with free online courses, programming projects, and interview preparation for developer jobs. Free <https://www.freecodecamp.org/>

E-books

<https://docs.google.com/spreadsheets/d/1HzdumNltTj2SHmCv3SRdoub8SvplEn75fa4Q23x0keU/htmlview>

MS Teams Training

[Video conferencing with Teams](#) (Microsoft Stream)

[MS Office Help and Resources](#)

Use the HELP icon in the bottom left corner of Microsoft Teams to find training on how to use Teams.

Architect training tutorial

Free Month Trial: <https://www.lynda.com/Architecture-training-tutorials/2-0.html>

Professional Bodies:

[RICS Online Training](#) (search options by topic and free)

<https://ocw.mit.edu/courses/architecture/>

Skill Crush

Online classes in web design, coding, and other marketable digital skills

Free & Pay <https://skillcrush.com/>

Code Academy

Coding/programming lessons

Free & Pay (pro) <https://www.codecademy.com/>

Learn Code the Hard Way

Learn Code The Hard Way courses are the most effective system for learning the basics of computer programming, designed specifically for complete beginners

Pay <https://learncodethehardway.org/>

Scrimba

Scrimba is the next-generation platform for learning how to code. Our screencasts enable you to interact with the code directly in the player. This way, you'll have more fun and learn faster

Free <https://scrimba.com/>

Rhino & Grasshopper links

[Rhino forum](#)

[Grasshopper forum](#) - This is a legacy forum, but still includes lots of useful information

[Grasshopper online component database](#) (searchable through google)

[Food4Rhino](#) – Third-party apps for grasshopper and rhino (some paid, most free)

[RhinoGrasshopper Youtube channel](#) – Detailed tutorials for Grasshopper and related third part apps

[Ramboll Computational Design blog](#) – A great introductory reference point for Grasshopper

[Alberto Pugnale's Website](#) – Quite a few good tutorials hosted on Vimeo, along with thoughts, research and formal teaching material on parametricism. Not sure this is being updated any more.

[AAD Algorithms-Aided Design: Parametric Strategies using Grasshopper](#) – Generally considered to be the best book on Grasshopper. Includes step-by-step guides, but is also useful as a quick reference.

Oasys GSA Webinars

There is a range of webinars [here](#)

Simplilearn

Simplilearn is one of the world's leading providers of online training for Digital Marketing, Cloud Computing, Project Management, Data Science, IT, Software Development, and many other emerging technologies.

Free & Pay (some courses & certification) <https://www.simplilearn.com/>

Plural Sight

FREE access to 7000+ Pluralsight courses during the month of April. THE technology skills platform with expert-led, online courses for technology, software development etc

Pay (Free in April) <https://www.pluralsight.com/>

Typing Club

Learn how to touch type

Free <https://www.typingclub.com/>

Wordstream

PPC University is a totally free online learning resource created by WordStream, to help build your PPC and digital marketing skills.

Free <https://www.wordstream.com/learn>

ConstantContact

The Social Media Quickstarter offers the step-by-step instructions you need to start building your social media presence across all of the top social networks.

Free <https://blogs.constantcontact.com/social-media-quickstarter/>

QuickSprout University

Quick Sprout has everything you need to become a world-class digital marketer

Free <https://www.quicksprout.com/university/>

Chatbot University

Evolve customer communication with automated private messaging in the most popular chat applications today. Learn chat marketing for Facebook Messenger, SMS and native web chat in Chatbot University, MobileMonkey's free chatbot tutorial.

Free <https://mobilemonkey.com/chatbot-tutorial>

Search Engine Journal

How to Dominate Social Media: A Complete Strategy Guide

Free <https://www.searchenginejournal.com/social-media/>

Adobe Photoshop

Learn the basics, or refine your skills with tutorials designed to inspire

Free <https://helpx.adobe.com/photoshop/tutorials.html>

Behance

Behance is a platform with videos, tutorials and allows many people with web design careers to showcase their portfolios of visual work such as graphic design, fashion, illustration, photography, and more.

Free <https://www.behance.net/live>

Linked-in Learning

[This site](#) has a huge array of learning videos. From how to use software videos (Microsoft and Adobe and many others) to leadership, management & things like photography. **It is free for the first month.**

Online learning links:

[Architecture Foundation 100 Day Studio](#)

The Architecture Foundation brings you a daily diet of online lectures, interviews, building tours and panel discussions - all live and all free

Microsoft Outlook free training on Youtube

<https://www.youtube.com/watch?v=4sEBRQPjIEk>

Skillshare

Skillshare offers video-based courses in areas like animation, design, illustration, lifestyle, photography, film, business and writing. Free & Pay <https://www.skillshare.com/classes/free>

Online University and College learning resources

<https://www.open.edu/openlearn/free-courses>

Free taster courses aimed at those considering Open University but everyone can access it.

<https://www.edx.org/course>

Access 2000 free online courses from 140 leading institutions worldwide.

Free & Pay (Certification)

<https://www.futurelearn.com>.

Jointly owned by The Open University and The SEEK Group. 100 + partners worldwide. These include many of the best UK and international universities, as well as institutions with a huge archive of cultural and educational material, such as the British Council, the British Library, the British Museum, and the National Film and Television School. Work with a range of internationally renowned organisations - from professional bodies such as the Association of Chartered Certified Accountants (ACCA) and Institution of Engineering and Technology (IET), to businesses like the BBC and Marks & Spencer, to the UK Government
Free & Pay (certification)

<https://www.coursera.org/courses?query=free>

Coursera is an online education provider that offers Open Online Courses, from top universities around the world. Currently it has over 200 partners from 48 countries.

www.udemy.com

Udemy is an online learning platform aimed at professional adults and students. Courses in over 65 languages. Udemy also has over 5,000 enterprise customers and 80% of Fortune 100 companies use Udemy for employee upskilling. Students take courses largely as a means of improving job-related skills. Some courses generate credit toward technical certification. As of 2020, there are more than 150,000 courses on the website. Free & Pay

Course Buffet Find free college/degree equivalent online courses (MOOC) from top free course
Free <https://www.coursebuffet.com/>

<https://www.cambridge.org/core/what-we-publish/textbooks#> .

Ted Ed

Engaging educational videos. Free <https://ed.ted.com>

https://www.freecodecamp.org/news/here-are-380-ivy-league-courses-you-can-take-online-right-now-for-free-9b3ffcbd7b8c/amp/?_twitter_impression=true.

<http://www.udacity.com> (first month free many courses)

Online courses in programming, data science, artificial intelligence, digital marketing, and more.

Website of free pdf documents on wide, searchable range of subjects

<https://www.pdfdrive.com/>

<https://open.sap.com/#digital-learning-initiative>

Google Scholar

[Google Scholar](#)

Business Skills resources

Accountancy Coach

AccountingCoach.com helps people throughout the world learn, refresh, and deepen their understanding of introductory accounting and bookkeeping at no cost. The free website (option #1) contains explanations, quizzes, Q&A, and more for 30 major topics.

Free & Paid (tests) <https://www.accountingcoach.com/>

Open Learn

Introduction to bookkeeping and accounting

Free <https://www.open.edu/openlearn/money-business/introduction-bookkeeping-a...>

EdX ACCA

A variety of courses from the ACCA. Courses can be audited free or students can choose to receive a verified certificate for a small fee

Free & Paid (cert) <https://www.edx.org/school/acca>

ACCA

The ACCA-X courses are aimed at a range of people: * School leavers * College/university students * Graduates * Career changers * Parents returning to work * Entrepreneurs * ACCA students and members
Free & Paid <http://www.acca-x.com/global/en.html>

Toastmasters International

Do you want to practice public speaking, improve your communication and build leadership skills? With Toastmasters, you can break barriers, not your budget.

Free <https://www.toastmasters.org/resources>

Six Minutes

A wealth of free information and insight into speech writing, delivery techniques, effective PowerPoints and speaking habits, both good and bad

Free <http://sixminutes.dlugan.com/>

Saylor Academy

This in-depth course is a good choice for those who want to develop better speaking skills with an understanding of the theories and principles behind effective verbal communications.

Free <https://learn.saylor.org/course/view.php?id=19>

Corporate Finance Institute

CFI has compiled a broad range of financial modelling resources to help you learn important skills and techniques for building financial models in Excel and performing world-class financial analysis. These resources include examples and step-by-step instructions on how to build models from scratch, how to perform each calculation that's required, and how to perform additional types of analysis like scenarios and sensitivity analysis.

Free <https://corporatefinanceinstitute.com/resources/knowledge/modeling/>

Financial Training Associates

We make small extracts from our finance course training available online free of charge.

Free <https://www.financialtrainingassociates.com/free-online/>

Wall Street Mojo

Financial Modeling training is all around the web and there has been lot written about learning Financial Modeling, however, most of the financial modeling pieces of training are exactly the same. This goes beyond the usual gibberish and explores practical Financial Modeling as used by Investment Bankers and Research Analysts.

Free <https://www.wallstreetmojo.com/free-financial-modeling-training-course/>

Hubspot

The Inbound Sales Certification covers the basics of an inbound approach to sales. This course is for individual sales reps who are looking for actionable tips to use in their next call or meeting.

Free <https://academy.hubspot.com/courses/inbound-sales>

Sales Engine

The Art of Sales: Mastering the Selling Process Specialization. The purpose of this 4-part specialization is to make you as efficient and effective in selling as possible. What you'll gain are several critical skills and disciplines that will accelerate your success with your small company, your large company, and your life.

Free <http://www.salesengine.com/classes-and-events/>

SalesScripter

Our SMART (Sales Messaging and Response Tactics) Sales System is a sales training program that focuses on helping you to improve your sales and prospecting efforts by helping you to always know what is best to say and ask when talking with prospects.

Free <https://salesscripter.com/smart-sales-system-sales-training-program/>

MindTools

Essential Skills for an Excellent Career. 24,000,000 people each year use this site to learn the management, leadership and personal excellence skills they need for a happy, successful career.

Free https://www.mindtools.com/pages/article/covid-19_support_pack.htm?tracki...

MasterClassManagement

MasterClassManagement.com is dedicated in providing the most practical and informative information to become a great manager and confident leader by combining real world practical management with business management theory. Free & Paid (cert) <https://www.masterclassmanagement.com/Table-of-Contents-1x.html>

Session Lab

"SessionLab is the dynamic way to design your workshop and collaborate with your co-facilitators.

Activities, Icebreakers and Ideas

" Free <https://www.sessionlab.com/library>

Business Balls

BusinessBalls are free resources for soft skills & all things leadership, management, emotional intelligence and personal effectiveness. All resources are developed by experts and designed to make you more effective as a person. Courses and 10,000 quiz questions and interactive quizzes.

Free <https://www.businessballs.com/>

Disclaimer note:

Please note that Transitions is providing the above information in good faith and can't take responsibility for decisions made using it.