



ACE Workshops: August 2026

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Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27 Jul	28 10:00 Logical and Conditional Functions in Excel; QAHE - Ace	29	30 16:30 Generative AI and Criticality ; QAHE - Ace	31 15:00 Python Beginner - Simple Banking Simulator (OOP & Class) ; QAHE - Ace	1 Aug 10:00 Introduction to Probability; QAHE - Ace
3	4 10:30 (2-hour) Python Machine Learning - Consumer Review Sentiment Analysis (NLP); QAHE - Ace	5 10:00 Starting with Excel Pivot tables and charts - Intermediate; QAHE - Ace 16:00 Using your Reading in your Writing - Advanced ; QAHE - Ace	6 12:30 Critically Building an Argument; QAHE - Ace	7 10:00 Academic Expectations at Postgraduate/Masters level; QAHE - Ace	8
10	11 13:30 Excel for calculations and formulae - beginners; QAHE - Ace	12 12:30 Negative Numbers and BIDMAS/BODMAS; QAHE - Ace	13 10:00 Using your Reading in your Writing - Essentials; QAHE - Ace	14 13:30 Understanding and Interpreting Descriptive Statistics; QAHE - Ace 15:00 GitHub - Signup & Code Updates; QAHE - Ace	15 10:00 Editing and Proofreading; QAHE - Ace
17 16:00 Reflection; QAHE - Ace	18	19 15:00 Introduction to Fractions and Percentages and the Four Operations; QAHE - Ace	20 10:30 Magic Number Guessing - Python Basics; QAHE - Ace 14:00 Paragraph Structure; QAHE - Ace	21	22 10:00 Tackling Longer Assignments ; QAHE - Ace
24 15:30 (2-Hour) Python Machine Learning - Predict Next Day's Stock Price; QAHE - Ace	25	26 10:00 Basic Algebra: The Four Operations and Indices; QAHE - Ace 19:00 Writing Introductions and Conclusions; QAHE - Ace	27 13:30 Understanding and interpreting Descriptive Statistics; QAHE - Ace	28 14:00 Reading an Academic Article; QAHE - Ace	29

01-Aug Saturday 10:00 Maths Skills <u>Introduction to Probability</u> Learn how to represent outcomes using sample space diagrams and tree diagrams. Practice calculating probabilities and understanding basic probability rules.	04-Aug Tuesday 10:30 (2 hours) Computing Skills <u>(2-hour) Python Machine Learning - Consumer Review Sentiment Analysis (NLP)</u> In this workshop, we will use natural language processing (NLP) to analyse the sentiments of social media comments regarding product reviews, comparing two machine learning models.	05-Aug Wednesday 10:00 Excel/Data Skills <u>Starting with Excel Pivot tables and charts - Intermediate</u> Learn how to create pivot tables and charts to calculate, summarize, and analyse data so you can identify comparisons, patterns, and trends. <i>Attend the Excel Starter workshop or book a one-to-one tutorial to learn the basics before you attend this workshop.</i>	05-Aug Wednesday 16:00 Study Skills <u>Using your Reading in your Writing - Advanced</u> A look at some of the choices writers can make to incorporate their reading in their writing, as well as potential challenges. Please have one of your own recent drafts or assignments available so that you can consider it in the light of our discussion.
06-Aug Thursday 12:30 Study Skills <u>Critically Building an Argument</u> Explores the differences between descriptive and critical writing and looks at how to develop a line of reasoning to build up arguments in your work.	07-Aug Friday 10:00 Study Skills <u>Academic Expectations at Postgraduate/Master's level</u> Guidance on what's expected at postgraduate level and approach to knowledge and methodologies, originality, and relating theory to practice.	11-Aug Tuesday 13:30 Excel/Data Skills <u>Excel for calculations and formulae - beginners</u> You will carry out mathematical operations such as addition, subtraction, multiplication, and division using Excel. We will learn some common functions and get familiar with the fill handle tool.	12-Aug Wednesday 12:30 Maths Skills <u>Negative Numbers and BIDMAS/BODMAS</u> BIDMAS/BODMAS is the order in which you calculate a sum or solve an equation. It guarantees correct calculations!
17-Aug Monday 16:00 Study Skills <u>Reflection</u> This workshop uses examples of reflection to explore its role in higher education, with a focus on how to develop greater criticality in reflective writing.	19-Aug Wednesday 15:00 Maths Skills <u>Introduction to Fractions and Percentages and the Four Operations</u> This workshop will refresh your knowledge of fractions and percentages and will practise	20-Aug Thursday 10:30 Computing Skills <u>Magic Number Guessing - Python Basics</u> In this workshop, we will explore programming concepts, including loops, input, data types, comparison operations and conditionals, and	20-Aug Thursday 14:00 Study Skills <u>Paragraph Structure</u> This workshop offers tips on how to structure a paragraph effectively in academic assignments.

	adding, subtracting, dividing and multiplying with fractions.	create a number guessing game on Google Colab.	
22-Aug Saturday 10:00 Study Skills <u>Tackling Longer Assignments</u> This workshop explores some of the challenges you might face when tackling longer pieces of writing (including dissertations or projects). Topics include time management, structuring longer assignments, writing cohesive paragraphs, and developing complexity in your writing.	24-Aug Monday 15:30 (2 hours) Computing Skills <u>(2-Hour) Python Machine Learning - Predict Next Day's Stock Price</u> In this workshop, we'll explore how to use an LSTM neural network to forecast time-series data, discuss its limitations, and learn how to apply it effectively.	26-Aug Wednesday 10:00 Maths Skills <u>Basic Algebra: The Four Operations and Indices</u> Learn how to perform $+$ $-$ $/$ x with the letters and numbers, and how to power them up or down. <i>Please note: this is an introductory level workshop, but you must have some knowledge of calculating with negative numbers. Please check your VLE for guides, or book a tutorial with an ACE maths tutor, before you join this workshop.</i>	26-Aug Wednesday 19:00 Study Skills <u>Writing Introductions and Conclusions</u> This workshop looks at the basic features of effective introductions and conclusions.
27-Aug Thursday 13:30 Excel/Data Skills <u>Understanding and interpreting Descriptive Statistics</u> This workshop will help you use Data Analysis Toolpak to create a Descriptive Statistics output and interpret the findings.	28-Aug Friday 14:00 Study Skills <u>Reading an Academic Article</u> This workshop guides students on reading strategies for academic journal articles. It covers the key components of articles and suggests processes for reading efficiently. We discuss how to use articles effectively for different purposes in writing and research.	ACE on Demand Can't attend a workshop? Time doesn't suit? Don't worry - you and your classmates can contact us and request a workshop at a time and day that work for you! Scan the QR code to submit →	