University of Sheffield | Online MATLAB Training

Overview

This guide describes the process for getting started with the online MATLAB training programs for students, staff and researchers at University of Sheffield.

Available Content

- Online, self-paced training accessed via a web browser (no need to install MATLAB).

- Interactive, hands-on tutorials covering basic MATLAB skills.

MATLAB Onramp

Two-hour introduction to the MATLAB environment.

MATLAB Fundamentals

Equivalent to a professional 3-day instructor-led training course.

Topics include:
- Comprehensive introduction to the MATLAB environment
- Working with data sets in MATLAB
- MATLAB programming with scripts and functions
- Introduction to data analysis
- Plotting and visualization

MATLAB for Data Processing and Visualization

Equivalent to a professional 1-day instructor-led training course.

Topics include:
- Intermediate MATLAB skills for data analysis
- Batch data processing
- Working with advanced data types
- Creating publication-quality graphics

MATLAB Programming Techniques

Equivalent to a professional 2-day instructor-led training course.

Topics include:
- Advanced MATLAB programming
- Strategies for structuring code
- Strategies for structuring data
- Creating robust applications
- Working effectively on large-scale MATLAB projects

Available Courses & How to Get Access

Undergraduates
- MATLAB Onramp
- MATLAB Fundamentals

Postgraduates, Staff and Researchers
- MATLAB Onramp
- MATLAB Fundamentals
- MATLAB for Data Processing and Visualization
- MATLAB Programming Techniques

How to Get Access

- Create a MathWorks account:
  https://www.mathworks.com/mwaccount/register

  o Associate to TAH license

    - Undergraduates: 1074393

    - Postgraduates: 976008

- MATLAB Onramp can be launched from the following link:
  https://matlabacademy.mathworks.com/R2015b/

- All other courses: if you have not already received your login details by email from MathWorks, please contact m.griffiths@sheffield.ac.uk or d.Savas@sheffield.ac.uk.

(Note: a MathWorks account is required for all training options.)

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