

## Assessment Brief

<b>Module Title</b>	Mathematical Techniques for Computational Sciences	
<b>Module Code</b>	CSC-44100	
<b>Assessment Type</b>	Exercise	
<b>Assessment Title</b>	Computer Task	
<b>Weighting (% of module mark)</b>	25%	
<b>Assessment Length (word count or equivalent)</b>	N/A	
<b>Submission Deadline (date and time)</b>	Weekly, Friday	1 pm
<b>Format of Submission</b>	Online	
<b>Feedback Release Date</b> <i>[please ensure that this aligns with the requirements of Section 8 of the <a href="#">Assessment and Feedback Code of Practice</a>.</i>	Immediately	
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### **Assessment Details:**

This assessment consists of 5 weekly short online tasks (equally weighted) to complement the content taught during that week (by automated methods such as Möbius). This will enable feedback to be given as the course progresses, preparing students for the final report.

### **Module Learning Outcomes:**

In this assessment the following module learning outcomes will be assessed:

ILO1: Select and apply suitable techniques to solve relevant AI and Data Science problems in calculus, linear algebra, and probability

ILO2: Analyse and apply periodic functions

### **Assessment Criteria:**

Assessment is marked automatically by the system.

### **Feedback to Students:**

Feedback is provided immediately by the system.

### **Inclusive Practice:**

Students can use up to 3 submission attempts for each set of randomised tasks. There is no time limit for each attempt, provided that the results are submitted before the deadline.

### **Use of Artificial Intelligence (AI):**

Since the target of these exercises is to assess the students' ability to use mathematical skills and techniques to solve problems, the use of artificial intelligence and/or computer algebra is not allowed.

**Academic Misconduct:**

Academic misconduct is doing something that could give you an unfair advantage in an assessment. It includes, but is not limited to, the following: plagiarism; collusion; contract cheating; cheating in an examination; falsification of data or sources; falsification of official documents or signatures. The University treats academic misconduct very seriously and penalties will be given for proven cases, including termination of studies in serious cases. It is therefore very important that you understand how to prepare and take assessments honestly. In order to assist you with this there are various resources and help available both as part of your programme of study and also centrally. For more information please visit: [https://www.keele.ac.uk/students/academiclife/appeals-complaints-conduct/  
studentacademicconduct/](https://www.keele.ac.uk/students/academiclife/appeals-complaints-conduct/studentacademicconduct/)

**Academic Skills Support:**

The Academic and Digital Skills team provide a range of additional online resources (e.g., study guides, Sways, Podcasts, workshops etc) to help you with your academic work and assessments. You can find more information [here](#).

**Additional information:**

Occasionally, the automated Möbius system may misinterpret correct answers submitted by students. If this happens, students are encouraged to talk to the module leader.