Introduction to Sef041: Mathematics B
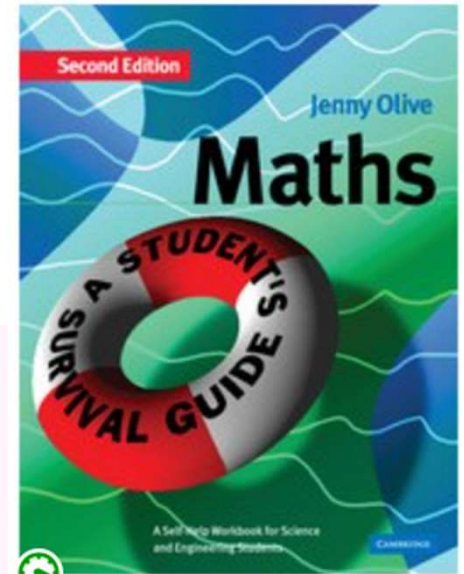
September 2024

Module Organiser: Dr Lubna Shaheen
Queen Mary University of London

Books:

Textbook 1: [**J.Olive Survival Guide**]: <u>Maths: A Student's Survival Guide, A Self-Help Workbook for Science and Engineering Students by Jenny Olive</u>, published by Cambridge University Press, 2nd Edition February 2005, ISBN: 9780511074257. Note: e-book is available for this textbook.

HOW THIS MODULE IS RUN, AND WHAT YOU HAVE TO DO

<u>General Module Announcement Forum:</u> This Area will be utilized mostly by Lectures as it will be where we post announcements about the course, deadlines, exam comments etc. You will receive a notification for anything I post, and you can also see it here.

<u>Student Forum</u>: You are strongly encouraged to use this topic for course-related discussions or any other matters. While you can email your teachers, you might get better and more timely assistance from your peers by using this forum.

<u>Teaching Team:</u> I ll be module Organizer of Maths B for Sem A and Sem B. I ll be working with a team of Tutors for whole of this academic year.

<u>Where to get Help:</u> There will undoubtedly be times during the term when you get stuck doing your homework or project. This is normal.

HOW THIS MODULE IS RUN, AND WHAT YOU HAVE TO DO

Lectures: We shall have one **lecture (2 hours)** per week in which we will cover respective sections of the **Lecture Notes**.

Feedback Sessions: In the **Feedback Session** we will solve together some questions selected from the Tutorial Exercise Sheets or Lectures or Quiz Questions or Exams style questions.

In addition, there are weekly online **Asynchronous Tasks and Quizzes**.

Asynchronous Tasks

There will be 11 online weekly Tasks in the form of Online videos. There are no Tasks in Week 7. **All TASKS are compulsory.** These Tasks do not count towards final Marks of this course. You must complete these weekly Tasks which will take yours 30-60 minutes, as you watch videos and then answer online Questions.

During the week in which the lecture and your tutorial take place, make sure you

- **(a) have read the relevant web-book pages**

- **(b) have done and self-marked the QMplus Asynchronous Tasks exercises (answers in the Lecture Notes in weekly QMplus pages)**

- **(c) do the Online Quiz for the relevant week by entering the answers into the online quiz.**

Location and General Schedule

All Monday lectures will take place at Maths Lecture Theater for Group 1(Bancroft 2.40 for Group 2), Feedback and Support sessions conduct at Geography Lecture Theater.

There are no lectures or tutorials in Week 7.

Lectures: Mondays 09:00-11:00pm at **Math LT, 23rd Sep**

                Thursdays 16:00—18:00 at **Bancroft 2.40, 26th Sep**

Feedback and Support session: Fridays 13:00—14:00, 4th **Oct** at **Drapers LT**

Tutorials: The first tutorials will take place in Week 2 on Friday **04/10/2024**. You will be assigned to one of the following eight tutorial groups

Group 1: Friday   12:00 ---13:00   Group 2: Friday 12:00 ---13:00

Group 3: Friday 12:00 ---13:00   Group 4: Friday 11:00 --- 12:00

Group 5: Friday   11:00 ---12:00   Group 6: Friday 11:00 -- 12:00

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Module Assessment

Quizzes: There will be eleven **Quizzes** in the form of online quizzes. There are no Quiz in Weeks 7. Each Quiz consists of 5-10 questions. **All Quizzes are Important**.   These Quizzes do **NOT** contribute to your final mark for this module.

In term Assessments: There are **three in-term** tests, first in Weeks 7 (weightage 10%), second in Week 1 of Sem 2, (weightage 20%), third one in Week 7 of Sem 2 (contributing 20%) towards your final mark for this module. There will be no lectures or tutorials during Week 7.

Exams: There will be a final exam in May-June 2024 (details tbd). The contribution of the final exam to the module mark is 50%. The further details of the exam to be announce in due time.

Homework Worksheets:

There will be **eleven Homework sheets** in the form of Exams Style questions. You are expected to work through these questions, write down your solutions and submit them to your tutor or lecturer.

Even though the submission of homework is optional understanding the solutions to these problems will be required for the mid- and end-term tests and the exam.