



Advanced Mathematics  
Support Programme®



## STEP 2 and 3 Preparation Course

Online

3rd February 2022

### Overview

These classes are intended for Year 13 mathematics students who are required to sit STEP 2 and/or STEP 3 papers for university entrance. They will cover the Pure Mathematics syllabus only and will concentrate on the techniques which are beyond the A-level specification. They will be invaluable for examination preparation and will help students bridge the gap between school and university mathematics. The classes will be taken by Dr. Luciano Rila who is very experienced in STEP preparation.

The course consists of 10 lessons and classes will take place online on Thursdays from 5.30pm to 7.00pm. This is the schedule of the course:

Date	Time	Topic
Thursday Feb 3	17:30-19:00	Basic algebra & inequalities
Thursday Feb 10	17:30-19:00	Necessary and sufficient conditions
Half-term		
Thursday Feb 24	17:30-19:00	Proof by contradiction & irrational numbers
Thursday Mar 3	17:30-19:00	Trig equations
Thursday Mar 10	17:30-19:00	Curve sketching
Thursday Mar 17	17:30-19:00	Integration
Thursday Mar 24	17:30-19:00	Differential equations
Thursday Mar 31	17:30-19:00	Vectors
Easter		
Thursday Apr 21	17:30-19:00	Complex numbers
Thursday Apr 28	17:30-19:00	Matrices

### Who will benefit from attending?

Year 13 students who are required to sit STEP 2 and/or 3 as part of their compulsory university offer - typically students who hold an offer from Cambridge and/or Imperial

## Key Facts

<b>Event ref:</b>	#9417
<b>Audience:</b>	Students
<b>Target year:</b>	Year 13
<b>Curriculum focus:</b>	University admissions tests, A level Mathematics, A level Further Mathematics
<b>Mathematical focus:</b>	Pure
<b>Event format:</b>	Student course
<b>Region:</b>	London and South East
<b>Venue:</b>	Online
<b>Next session:</b>	Thu 28th Apr 2022
<b>Course times:</b>	17:30 - 19:00
<b>Fee:</b>	Free

## Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/9417>