

Further Mathematics Support Programme



STEP 2 and 3 Preparation Course 2017

These classes are intended for A2 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 at UCL on Wednesdays from 5pm to 7.30pm (except Thursday, April 20). This is the schedule of the course:

Date	Time	Topic
Wednesday Feb 1	17:00-19:30	Basic algebra
Wednesday Feb 8	17:00-19:30	Inequalities and proof by induction
Half-term		
Wednesday Feb 22	17:00-19:30	Proof by exhaustion
Wednesday Mar 1	17:00-19:30	Necessary and sufficient conditions
Wednesday Mar 8	17:00-19:30	Proof by contradiction & irrational numbers
Wednesday Mar 15	17:00-19:30	Curve sketching
Wednesday Mar 22	17:00-19:30	Trig equations
Wednesday Mar 29	17:00-19:30	Integration
Easter		
Thursday Apr 20	17:00-19:30	Complex numbers
Wednesday Apr 26	17:00-19:30	Differential equations

Course fees are £200.00. There are only 30 places available and priority will be given to students in the state sector. For further details, contact Luciano Rila at lucianorila@furthermaths.org.uk