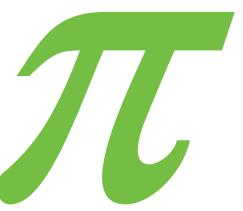
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MATHS SUPPORT

1-to-1 support and advice is available at our maths drop-in sessions. Our experienced tutors also encourage students to work on their maths problems in small groups. These group sessions often involve working with students from a similar course. You can find the maths drop-in sessions running in the Footsteps Room on Level 1 of the Laidlaw Library: Monday - Thursday 13:00 - 16:00 during teaching weeks. Please check the website for non-teaching weeks: https://library.leeds.ac.uk/skills-maths



Date:			
Full name:			
Student ID number:		Undergraduate / Taught postgraduate /	Researcher
Subject / course:		Module code:	
University email addre	ss: @lee	ds.ac.uk Level of study: e.g	. 1st year

Please make a note of any issues you would like to discuss:



Signed by S@L Maths Tutor

The discussions in 1:1 sessions are confidential and we will not talk to your tutor without your permission. We undertake to give you advice based on what you show and tell us. You should always check with your departments and tutors for the specific requirements of assessed work as these can differ widely between departments, disciplines and modules. Signed by Student



Help sought to be filled in by tutor:

1 - Calculus

- 1.1 Integration calculus
- 1.2 Differentiation calculus
- 1.3 Ordinary differential equations (ODE's)
- **1.4** Partial differential equations (PDE's)
- 1.5 Vector calculus
- 1.6 Non-linear differential equations

2 - Algebra

- 2.1 Completing the square
- 2.2 Straight lines / quadratic equations
- 2.3 Algebra rearranging equations
- 2.4 Complex numbers
- 2.5 Polymonial division
- 2.6 Trigonometry
- 2.7 Projectiles
- 2.8 Geometry
- 2.9 Curve sketching
- 2.10 Logarithms and exponentials
- 2.11 Simultaneous equations
- 2.12 Velocity / acceleration

3 - Higher level algebra

- 3.1 De Moivre's theorem
- 3.2 Linear algebra
- 3.3 Matrices
- 3.4 Eigenvectors / eigenvalues
- 3.5 Linear programming
- 3.6 Vectors

Any other comments?

4 - Business

- 4.1 Optimisation
- 4.2 Interest rates

5 - Statistics

- 5.1 Mann-Whitney statistics test
- 5.2 Regression
- 5.3 Standard deviation / measures of spread
- 5.4 Interpolation
- 5.5 Correlation

6 - Mechanics

- 6.1 Mechanics
- 6.2 Projectiles
- 6.3 Stress / strain
- 6.4 Resolving forces / moments

7 - Numeracy

- 7.1 Drug calculations for nurses
- 7.2 Psychometric tests / Numerical tests / Numerical reasoning
- 7.3 Numeracy

8 - Analysis

- 8.1 Taylor / maclaurin / binomial series
- 8.2 Sequences / series
- 8.3 Fourier series
- 8.4 Laplace transforms
- 8.5 Analysis limits / continuity

Any issues that might have wider implications for the service? e.g. New topic for workshop/website, weblinks not working etc.

8 - Analysis

- 8.6 Riemann integration
 - Trapezium / Simpson's rule
- 8.7 Numerical analysis
- 8.8 complex analysis

9 - Other

- 9.1 Exam paper revision
- 9.2 Fluid mechanics
- 9.3 Thermodynamics
- 9.4 Other pure maths
- 9.5 Other applied maths
- 9.6 Other statistics
- 9.7 Other probability
- 9.8 Other algebra
- 9.9 Other analysis