

ACADEMIC TRANSCRIPT

Certificate Number: **AC-189-730067**

This is to certify that the management of Alison awarded **Yann GEFROTIN** the certificate of completion in **Advanced Mathematics 1** under the category **Core Maths Skills** on **27th May 2019**.

Validation: You can check authenticity of this certificate by visiting the following link:

<https://alison.com/certification/check/%242y%2410%2408RU4fjiQQvrGq2vTXuDkO5ShMwoROp1fEvdTBS1hvtIUh1mGj.IK>

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Certificate Details



Advanced Mathematics 1

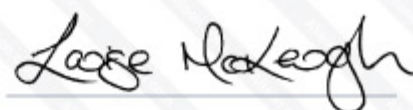
[Score: 93]

Course Details

With this online course, which you can take anytime, anywhere, you can get a better understanding of advanced topics in math. Along with learning how to calculate complex numbers using the simple operations, you will also learn how to apply the DeMoivre's Theorem and use polar form multiplication and division. The course will also give you a clear run-through of the relationship between graphs and their anti-derivatives, which will make your future math studies much easier.

Next, you will receive simple lessons in statistics, such as how to process nominal, discrete, and continuous data in frequency tables. You will then learn how to apply the product rule in calculus and easily perform calculations of differentiation. The course will then give you a good grasp of the concepts of anti-derivatives including hyperbolic functions, partial fractions, linear substitution, and odd and even powers.

If you are a student looking for a clear and free online math course to supplement your current math studies, this is the course for you.



Certification Officer



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Modules Studied

Creating a frequency table from data	Differentiation - Product rule	Antiderivatives
Antiderivatives of circular functions	Antiderivatives and their graphs	Complex numbers 1
Complex numbers 2	Conics (ellipses and hyperbolae)	Degrees and radians
Inverse circular functions	Polynomial equations	Reciprocal function graphs
Vectors in 2 and 3 dimensions	Scalar products of vectors	Symmetry and periodicity
Trigonometric identities	Assessment	



Loise MacLough

Certification Officer