



## Introduction to Calculus (by Coursera) (E3MAT0010)

### Introduction

The Hong Kong Academy for Gifted Education strives to provide diverse learning opportunities for our student members taking into consideration of your interests, learning preferences and flexibility. In the coming days, we shall gradually introduce more online learning programmes which will supplement our face to face provision and enhance learning flexibility. These online programmes are carefully selected from world class institutions and provide great challenges to our student members. On completion of each programme, you will get a certificate from the institution and full refund from us. Please take note of the procedure of enrolling on these online programmes by referring to the information provided.

Course description and syllabus:

<https://www.coursera.org/learn/introduction-to-calculus#syllabus>

### Expected date of completion (Coursera Course for Calculus) :

Course Code	Course Name	Schedule
E3MAT0010	Introduction to Calculus	1 Sep – 30 Nov 2020
E3MAT0020	Calculus: Single Variable Part 1 - Functions	
E3MAT0030	Calculus: Single Variable Part 2 - Differentiation	1 Dec – 28 Feb 2021
E3MAT0040	Calculus: Single Variable Part 3 - Integration	
E3MAT0050	Calculus: Single Variable Part 4 - Applications	
E3MAT0060	Single Variable Calculus	
E4MAT0020	Mathematics for Machine Learning: Multivariate Calculus	1 Jun – 31 Aug 2021

### Programme Type / Level

Online Learning Programme (Level III) ([Non Token-required](#))

### Target Participants

- S1-S6 HKAGE student members
  - Class size: 20
- \* First-come-first-served.**

### System Requirement

Students are recommended to use Chrome, Firefox, IE, Edge; Tablet and Smartphone, for example: IOS Devices (Apple iPhone, iPad, etc.), Android Devices are not recommended

### Medium of Instruction

English

### Certificate

**E-Certificate by Coursera** will be awarded to participants who have:

- ❖ Completed all the assignments with **satisfactory performance**

### Application Procedure

1. Submit application on our platform to reserve a quota (first-come-first served) to receive full tuition fee reimbursement from the HKAGE.
2. You and your parent will receive the Online Application Confirmation email from our system.
3. After your quota is reserved, follow the [instructions here](#) to register at Coursera and complete the course.
4. Submit the [Tuition Fee Reimbursement Application Form](#) for fee reimbursement.

Application  
Deadline

24 Aug 2020, 12:00 n.n

Schedule

Item	Date	Remarks
Course Open Period	1 Sep to 30 Nov 2020	Estimated Study hours: 51
Course Completion Deadline	30 Nov 2020	/
Deadline for Tuition Fee Reimbursement Application	31 Dec 2020	/

Enquiries

For enquiries, please contact us on 3940 0101 after language selection, press "1".

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