



An Intuitive Introduction to Probability (by Coursera) (E1MAT0020)

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/introductiontoprobability#syllabus>

Expected date of completion (Coursera Course for Probability & Statistics) :

Course Code	Course Name	Schedule
E1MAT0020	An Intuitive Introduction to Probability	1 Sep-30 Nov 2020
E3MAT0070	Combinatorics and Probability	
E3MAT0080	Probability and Statistics: To p or not to p?	1 Dec -28 Feb2021
E3MAT0090	Basic Statistics	
E3MAT0100	Understanding and Visualizing Data with Python	
E3MAT0110	Inferential Statistical Analysis with Python	1 Mar -31 May 2021
E4MAT0040	Fitting Statistical Models to Data with Python	
E4MAT0050	Sampling People, Networks and Records	
E4MAT0060	Linear Regression and Modeling	1 Jun 31 Aug 2021
E1MAT0020	Mathematics for Machine Learning: PCA	

Programme Type / Level Online Learning Programme (Level I) ([Non Token-required](#))

Target Participants

- P4 – S3 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: 16
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".



MATHEMATICS

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