



Open Up Your Mind 1 (E1MAT013C)

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| Introduction | <p>Sequence, permutation, rate, ratio and percentage are frequently encountered in daily life. How are these mathematical topics related to us?</p> <p>This course aims to give students a better understanding of sequence, permutation, rate, ratio and percentage. Students will experience the practicality and power of mathematics through various application and problem-solving examples, as well as several mathematical activities.</p> <p>This programme is co-organized with China Holiness Church Living Spirit College.</p> |
| Programme Type / Level | Across Domains and Interdisciplinary Course (Level I) (Token-required) |
| Instructor(s) | Mr WONG Pak-hei and Mr LI Siu Hong (Mathematics Teachers of China Holiness Church Living Spirit College) |
| Pre-requisite | Students must have a basic understanding of directed number, indices and the operations of fraction. |
| Target Participants | <ul style="list-style-type: none">➤ P4 to P6 HKAGE student members➤ Class size:30 <p>This programme is same “Across Domains and Interdisciplinary Course (Level I) : Open Up Your Mind 1 (MATP1911)” in 18/19 school year.</p> |
| Medium of Instruction | Cantonese with Chinese handouts |
| Certificate | <p>E-Certificate will be awarded to participants who have:</p> <ul style="list-style-type: none">❖ Attended AT LEAST 3 sessions AND❖ Completed all the assignments with satisfactory performance. |
| Intended Learning Outcomes | <p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none">1. conjecture the pattern of the number sequences;2. find out the general term of sequences;3. effectively use the algorithm on sequences and combinations to solve daily life problems;4. distinguish the difference among rate, ratio and percentage;5. apply percentage formulae to different games. |
| Screening | <p>Please answer the screening question in the online application form.</p> <p>*The screening question is designed to help the applicant understands the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students’ performance in answering the question. Only students who can demonstrate understanding of Mathematics in the screening question can be enrolled in the programme.</p> |
| Application Deadline | <p>1st batch: 17 May 2021 12:00 n.n</p> <p>2nd batch: 7 Jun 2021 12:00 n.n</p> <p>21 Jun 2021 12:00 n.n</p> |
| Application Result Release Date | <p>1st batch: 28 May 2021</p> <p>2nd batch: 11 Jun 2021</p> <p>25 Jun 2021</p> |

Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.

Schedule

| Session | Date | Time | Venue |
|---------|-------------|------------------------|--|
| 1 | 20 Jul 2021 | 9:30 a.m. – 12:30 p.m. | China Holiness Church Living Spirit College * Rm 202 |
| 2 | 22 Jul 2021 | | |
| 3 | 23 Jul 2021 | | |
| 4 | 24 Jul 2021 | | |

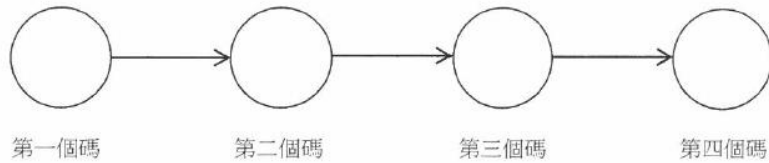
* Address: 1 Tung Leung Lane, Tai Po ([Map](#))

Sample Notes

《有限制的排列》

探究問題：大門的密碼鎖以 0-9 個四位數字組成，假設數字不能重複，密碼可以有多少個排列數目呢？

思考方向：每個位有多少個數字可以選擇呢？



算式：_____ 能用「！」表示算式嗎？ _____

Enquiries

For enquiries, please contact Academic Programme Development Division at 3940 0101 after language selection, press "1".