香 Th	* 港 le Hong	資優教育 Kong Academy for Gif SERIES:	了 學 ted Educat	苑 :ion		
ALC		SERIES: MARKETERN				
Introduction		A series of Algebra progr University of Hong Kong, The Algebra Series consist	rammes offe are designate	red by the I ed for Maths Ic	Department of M overs to learn Algel	lathematics, The
C. S. Mary Mary		Programme	Code	Application	Programme held	а н
	(All and a second s	Matrices and Determinants	MATS3230		Oct 2019	Jr.
		Vectors	MATS3320	Oct 2019	Dec 2019	望上
		Matrices and Equations	MATS3240	Jan 2020	Mar 2020	SKY
		Linear Algebra	MATS3250	Apr 2020	Jun - Jul 2020	3
		Here comes the first program In real life we often present numbers. By defining vario theories, the subject finds a computer science, economic	information in us operations applications ir	a table. In ma s on matrices n many discip	athe <mark>matic</mark> s, a matri and establishing	ix is like a 'table' of the corresponding
Dragramm		This programme is co-orga Hong Kong	nized with th	e Departmen	t of Mathematics,	The University of
Programme Type / Leve		Algebra Course (Level 4) (T	oken-required	<u>(</u>		
Instructor(s	s) 🦿	Dr Ching Tak Wing				
Pre-requisi	ites	Student should have basic k Basic arithmetic and algebra			ior secondary scho	ool level
Target Participant	S G G G	 S1 – S6 HKAGE stude Class size: 25 All applicants MUST at 		ening test hele	d on 17 Aug 2019	in HKU
Medium of Instruction	F	English with English handou	its			
Certificate	Carekowan 🍥	 E-Certificate will be awarde Attending at least 3 se Satisfactory performance 	ssions AN	D		
Intended Learning Outcomes		 Upon completion of the prog carry out addition, subtra find the determinant of a find the inverse of an inv 	action, scalar square matri	multiplication		of matrices;
			Merel .			

Application Deadline

12 Aug 2019 12:00 n.n.

Application Result Release Date 30 Aug 2019

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

Schedule

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THE REAL PROPERTY AND A DECIMAL OF A DECIMAL	Session	Date	Time	Venue	Content
		17 Aug	10:00 a.m. – 12:00 n.n.	JLG05 HKU	Screening Test
	Cancelled	<mark>5 Oct</mark>	All and a second		
anne -	1	12 Oct	9:30 a.m. – 12:30 p.m	RR210 HKU	Basic Operations on Matrices
and property of the second	2	19 Oct			Determinants
	3	26 Oct			Matrix Inverses
	4	2 Nov			Test and Discussions
arr	anged, includ	ding Screening	g Test.	15	e, no make-up will be
arr <u>JL</u>	anged, includ	ding Screening		15	e, no make-up will be
arr JL RR	ranged, includ <u>G</u> : James Hsi t: Run Run Sh	ding Screening ioung Lee Scie haw Building	g Test.	round floor	e, no make-up will be
arr JL RR	ranged, includ G: James Hsi Run Run Sh Find the det	ding Screening ioung Lee Scie haw Building	g Test. ence Building g e matrix $\begin{pmatrix} 1 & 0 \\ 2 & 1 \\ 0 & -1 \end{pmatrix}$	round floor	e, no make-up will be