



# Perspectives on Junior Secondary

## Mathematics- Statistics (E1MAT011C)

<b>Introduction</b>	<p>Do you want to acquire advanced mathematics knowledge step by step?</p> <p>Mathematics knowledge is built on foundation. This programme teaches students the key algebraic knowledge at the junior secondary level in a succinct way to equip them with the basic knowledge required for learning mathematics at an advanced level. It enables participants to learn mathematics at higher levels according to their own interests and abilities, and discover the joy of learning mathematics.</p> <p>This is one of the programme in the <b>Subject Core Series</b> which is comprised of four level I programmes. They are namely</p> <ol style="list-style-type: none"><li>1. Numbers</li><li>2. Algebra</li><li>3. Geometry</li><li>4. Statistics</li></ol> <p>(This programme is co-organized with Tai Kwong Hilary College.)</p>
<b>Programme Type / Level</b>	Discrete Math, Probability, Statistics Course (Level I) ( <a href="#">Token-required</a> )
<b>Instructor(s)</b>	Mr. Alfred Yeung Sai Kit, Head of Mathematics of Tai Kwong Hilary College
<b>Pre-requisite</b>	<p>Students should have the basic knowledge in</p> <ul style="list-style-type: none"><li>• four fundamental operations of arithmetic;</li><li>• factor, multiple and prime factor.</li></ul>
<b>Target Participants</b>	<ul style="list-style-type: none"><li>➤ P4 to P6 HKAGE student members</li><li>➤ Class size: 30</li></ul>
<b>Medium of Instruction</b>	Cantonese with English handouts
<b>Certificate</b>	<p><b>E-Certificate</b> will be awarded to participants who have:</p> <ol style="list-style-type: none"><li>1. attended <b>AT LEAST 3</b> sessions AND</li><li>2. completed all the assessments with satisfactory performance</li></ol>
<b>Intended Learning Outcomes</b>	<p>Upon completion of the programme, the participants should be able to:</p> <ul style="list-style-type: none"><li>• manipulate the organization and representation of data;</li><li>• demonstrate a good understanding in analysis and interpretation of data;</li><li>• demonstrate logical thinking skills to identify the proper uses and misuses of statistics;</li><li>• exhibit good attitude and ethical use of statistics when using statistical data in the era of "Big Data".</li></ul>
<b>Screening</b>	<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 motivation and the knowledge of and statistics in the screening question can be enrolled in the programme.</p>

Application  
Deadline

8 Feb 2021  
12:00 n.n.

Application Result  
Release Date

19 Feb 2021

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

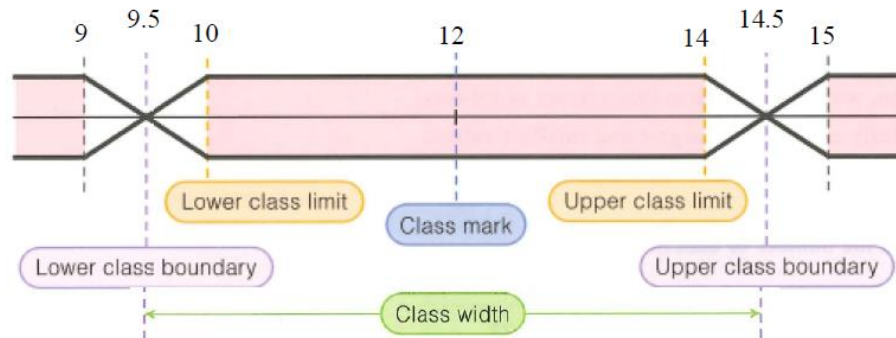
## Schedule

Session	Date	Time	Venue
1	8 May 2021	9:00 a.m.– 12:00 n.n.	TBC
2	15 May		
3	22 May		
4	29 May		

Sample  
Example for  
the  
Programme

### Important Concepts about Classes

There are 8 classes in Example 5, each class can be expressed as a class interval.



- The end values of each class interval are called class limits of that interval.
- For two consecutive class intervals, the mid-point of between two adjacent class limits is called the class boundary between the two class intervals.
- The mid-point of each class interval is called the class mark of the interval.

Enquiries

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