



GEOMETRY I

This online course will first discuss the origin of geometry including Babylonian, Egyptian, and Greek Geometry. Then, the most famous work on geometry, *Euclid's Elements*, will be introduced. Its introduction of the axiomatic system and numerous basic geometric constructions will be discussed.

Intended Learning Outcomes

Upon completion of the online learning course, the participants should be able to:

1. understand the origin of geometry;
2. demonstrate the understanding of the axiomatic system introduced in Euclidean geometry;
3. perform some basic compass-and-straight edge constructions.

Programme Details

Duration: 12 hours

System Requirement: Browser: IE 8 OR above; Firefox 6 OR above; Safari

Add-on: JAVA

Screen resolution: 1024x768

Language: English

Target: **All HKAGE members**

- Application Procedure:
1. Click "[HERE](#)" to go to online application platform
 2. Complete and submit the **online application form**
 3. You and your parent will receive the Online Application Confirmation email from our system
 4. Click "[HERE](#)" to access the online programme platform
 5. Use the **USERNAME** and **PASSWORD** indicated in the email to login
 6. You may start now!

Remarks: You must complete this course **within 4 months after the first time login**. You have to pass the online test in order to complete the course.

Enquiries: For enquiries, please contact Mr. Li at 3698 3498 or Mr. Shing at 3698 3499.