1. Title	Mathematics I
2. Code	EMAMAG201A
3. Range	Mathematics is needed for a wide range of calculations relating to aircraft repair and maintenance works,e.g. applicable to repair and maintenance works in aircrafts, stores, airworthiness, documentation, analysis, and tools etc
4. Level	2
5. Credit	1
6. Competency	Performance Requirement

	6.1 Knowledge	♦ Able to know about the principal element of the Arithmetic unit ♦ Able to know about the principal element of the Algebra unit ♦ Able to know about the principal element of the geometry unit
	6.2 Theoretical and practical aspects	♦ Able to apply the following knowledge in the aircraft maintenance. • Graphical representation. • Nature and uses of graphs, graphs of equations/functions.
	6.3 Professional approach	♦ Able to know about the principal elements of the subjects. ♦ Able to understand the basic knowledge of the theoretical and practical aspects of the following subjects. • Graphical representation. • Nature and uses of graphs, graphs of equations/functions. ♦ Able to apply the knowledge in the aircraft maintenance task.

7. Assessment Criteria	The integral outcome requirement of this UoC is:
	(i) Able to know about the theoretical fundamentals of the subjects.
	(ii) Able to give a very brief description of the subjects using, as appropriate, typical examples.
	(iii) Able to apply the knowledge in a practical manner.
8. Remarks	Ref: HKAR-66 Module 1