

AP4101

## Mathematics 2 (General)



**Course Aim** This course aims to further develop mathematical and critical thinking skills and use of technology. Students develop their abilities to select appropriate tools for mathematical problem solving in order to undertake non-technical degree level study.

**Short Title**

Faculty Humanities

Polytechnic Level

Credits 10

Pre-requisites MAC2101, MAC2003, AP3101 or equivalent

Co-requisites

Anti-requisites MAC3003, MAC3101

**Version 1**

Effective From September 1, 2016

Indicative NQF Level 4

Student Contact hrs 75

Self-directed hrs 25

Other directed hrs

Total learning hrs 100

**Learning**

On successful completion of this course, students will be able to:

**Outcomes**

- 1 Use applied problem solving techniques involving probability and trigonometry to deal with familiar and unfamiliar situations.
- 2 Select and use statistical techniques to interpret and communicate numerical and graphical data that has a little complexity.

**NQF Sub-strand**

Practical  
Application of  
knowledge  
Generic, Problem  
Solving and  
Analytical Skills