



Course Choice Information – Applications of Mathematics - Nat 4

Course Information & Content

Mathematics is important in everyday life, allowing us to make sense of the world and manage our lives. You will learn how to model real-life situations and make connections and informed predictions. You will develop the skills to interpret and analyse information, simplify and solve problems, assess risk, and make informed decisions. These skills will make you valuable to future employers.

Course Specification

There are 4 Mandatory Components of Mathematics National 4

Managing Finance and Statistics: In this unit you will learn how to use reasoning and financial skills to manage finance and statistics in real-life situations. You will also learn how to organise and present data.

Geometry and Measures: In this unit you will learn how to apply reasoning skills and geometric skills in real-life situations. You will also learn how to use mathematical reasoning to interpret and use shape, space and measures.

Numeracy: The general aim of this Unit is to develop learners' numerical and information handling skills to solve straightforward, real-life problems involving number, money, time and measurement. As learners tackle real-life problems, they will decide what numeracy skills to use and how to apply these skills to an appropriate level of accuracy. Learners will also interpret graphical data and use their knowledge and understanding of probability to identify solutions to straightforward real-life problems involving money, time and measurement. Learners will use their solutions to make and explain decisions.

Assessment

All the above units are internally assessed on a pass/fail basis and the overall Course Award is dependent on learners passing all of the four Mandatory units.

Homework

Consolidation of the learning in class will take place through homework where appropriate set by the class teacher.

Progression

Achievement of the Course Award may provide progression to:
National 5 Applications of Mathematics
Specific College courses/employment prospects.

Career Options

Accountant | Actuary | Architect | Bookmaker | Civil/Diplomatic Service Worker | Economist | Finance Worker | Insurance Risk Surveyor | Investment Banker | Management Consultant | Radiographer | Software Engineer and Development | Statistician | Stockbroker | Surveyor | System Analyst | Teacher

[Further Information - SQA](#)

