Curricular Area: Mathematics		Subject: Mathematics	
National 4 (SCQF Level 4)	National 5 (SCQF Level 5)	Higher (SCQF Level 6)	Advanced Higher (SCQF L7)
Course Content	**Course Content**	**Course Content**	**Course Content**
This course will develop the learner's knowledge and skills in: • mathematical concepts and relationships • operational skills in algebra, geometry, trigonometry and statistics and numeracy • straightforward mathematical models • mathematical reasoning to interpret information, to select a strategy to solve a problem, and to communicate solutions	This course will further develop the learner's knowledge and skills in: • mathematical concepts and relationships • operational skills in algebra, geometry, trigonometry and statistics and numeracy • straightforward mathematical models • mathematical reasoning skills to interpret information, to select a strategy to solve a problem, and to communicate solutions	This course will further develop the learner's knowledge and skills in: • complex mathematical concepts and relationships • operational skills in algebra, geometry, trigonometry, calculus and numeracy • mathematical reasoning skills to extract and interpret information • complex mathematical models • mathematical reasoning skills to think logically, provide justification or proof, and solve problems • communicating complex mathematical information	This course will further develop the learner's knowledge and skills in: • mathematical reasoning skills to think logically, provide justification, and solve problems • a range of complex concepts • complex operational skills • reasoning skills to interpret information and complex mathematical models • effectively communicating solutions in a variety of contexts • explaining and justifying concepts through the idea of rigorous proof • thinking creatively
How will the course be assessed?	**How will the course be assessed?**	**How will the course be assessed?**	**How will the course be assessed?**
End of unit/course assessments: • Expressions and Formulae • Relationships • Numeracy • Added Value Unit (AVU)	End of course assessment • SQA Examination ➢ Paper 1 – Non-Calculator ➢ Paper 2 – Calculator	End of course assessment • SQA Examination ➢ Paper 1 – Non-Calculator ➢ Paper 2 – Calculator	End of course assessment • SQA Examination ➢ Paper 1 – Non-Calculator ➢ Paper 2 – Calculator
Career Pathways			
Mathematics, Economics, Accountancy, Actuarial Sciences, Civil Engineering, Teaching, Architecture, Electrical Engineering, Business Management, Pharmaceutical Sciences, Dentistry, Medicine, Law, Nursing, Social Care, Construction			