

	12CLC	12STS	12MTX	
Current Year 11 Course	11MTX	11MTX (11MTL by HOD Approval)	11MTL (maybe some from 11MTX)	
Content	An Algebra focus.	A Probability and Statistics focus	A general Mathematics focus	
Mathematical Ability	Students need to be mathematically able, having good Algebra skills. Are logical thinkers.	Students need to be mathematically confident and have good literacy skills.	Students need to have a good work ethic. Solid mathematics and literacy ability an advantage.	
Reasons for taking Mathematics	Wants to do, or have the option to do Level 3 Calculus.	Has done well in 1.10 (Statistics)	Is heading down the Vocational/ITO path	
	Intends to do a Engineering/ Architecture/Economics	Can communicate well, performs well in Humanities/Social Science based subjects (English, History, Geography)	Needs to do some Maths at level 2 but does not fit into 12CLC or 12STS	
		Intends to go into Marketing/Statistics/ Data Analysis		Wants to keep the 'Industry door' open.
				Wants to continue with some Mathematics at Level 3
				Achieves better with mainly Internal Achievement Standards
Year 13 Pathway	13CLC (13STS with good English Marks) or 13MTX	13STS or 13MTX (no 13CLC)	13MTX (no 13STS or 13CLC)	
In General...	If the student wants a well balanced, Mathematical Education, they should chose both 13STS and 13CLC. If they want the option to do Calculus at level 3, they MUST do 12CLC.		If the student doesn't enjoy Mathematics but needs to do get some credits in Level 2 Mathematics, they should do 12MTX.	
Careers from Level 3 Course	13CLC - Engineering, Sciences, Economics, Graphic Design, Architecture, Health Sciences, Surveying and Data Analysis.	13STS - Humanities, Social Sciences, Science, Politics, Journalism, Data Analysis, Statistics.	Logistics, Project Management, ITO's, Military.	