

# DST

Course	Standard	Credits	Form of Assessment	Literacy/ Numeracy	
<b>Year 11 DST</b>  This is a course that's credits based around the completion of a practical project supported by assessments. Students will learn how to select and use tools to measure, cut, form and shape timber and steel for a specific outcome. This is a B.C.I.T.O approved Unit Standard programme	24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	2	Internal	
	24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	4	Internal	
	24356	Apply elementary workshop procedures and processes for BCATS projects	8	Internal	
	25919	Use hardware and fastenings for a BCATS project	2	Internal	
	25920	Use joints for a BCATS project	3	Internal	
<b>Year 12 DST</b>  This course is design to build on the level one knowledge. The students are encouraged to selected their own project within the set context This is a B.C.I.T.O approved Unit Standard programme.	12927	Identify, select, maintain, and use hand tools for BCATS projects	6	Internal	
	12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project	8	Internal	
	24350	Identify, select, maintain, and use portable power tools for BCATS projects	6	Internal	
	24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	4	Internal	
	24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	Internal	
<b>Year 13 DST</b>  At level 3 students are working through the first six Unit Standards of a Building Apprenticeship. Students choosing to do this U.S. level 3 programme will also be required to be part of the "Core Construction" Whole Day class and one workshop component as the major practicable aspect to the year. This is to support the readings and assessments done during the year.	12997	Demonstrate knowledge of safe working practices on construction sites	3	Internal	
	12998	Demonstrate knowledge of carpentry hand tools	4	Internal	
	12999	Demonstrate knowledge of timber machining equipment used on construction sites	3	Internal	
	13000	nonstrate knowledge of portable power tools used on struction sites	4	Internal	
	13002	Demonstrate knowledge of timber used in construction	2	Internal	
	24378	Perform building calculations	4	Internal	
	91608	Generic Technology 3.1 - Undertake brief development to address an issue within a determined context	4	Internal	L1 Lit
	91609	Generic Technology 3.2 - Undertake project management to support technological practice	4	Internal	L1 Lit
	91610	Generic Technology 3.3 - Develop a conceptual design considering fitness for purpose in the broadest sense	6	Internal	L1 Lit
	91611	Generic Technology 3.4 - Develop a prototype considering fitness for purpose in the broadest sense	6	Internal	L1 Lit
91612	Generic Technology 3.5 - Demonstrate understanding of how technological modelling supports technological development and implementation	4	External	L1 Lit, W Lit	

# Engineering

Course	Standard	Credits	Form of Assessment	Literacy/ Numeracy	
<b>Year 11 Engineering</b>  This is a very practical course. Students will learn to select and use a range of engineering hand and machine tools and do basic Arc and MIG welding. Students make a vice then design and make a second project.	4433	Select, use, and care for simple measuring devices used in engineering	2	Internal	
	22923	Demonstrate basic engineering workshop skills under close supervision	12	Internal	
	22924	Develop a simple product using engineering materials	10	Internal	
	22926	Demonstrate knowledge of safety procedures in a specific engineering workshop	2	Internal	
<b>Year 12 Engineering</b>  This course will build on the skills and knowledge learnt in year 11. More complex skills will be learnt like screw cutting TIG and gas welding. Students will make an engineer's vice.	2387	Assemble mechanical components under supervision	2	Internal	
	2396	Select, use and maintain portable handheld engineering power tools	4	Internal	
	4435	Select, use, and care for engineering dimensional measuring equipment	3	Internal	
	4436	Select, use, and care for engineering marking-out Equipment	4	Internal	
	21907	Demonstrate and apply knowledge of safe welding procedures under supervision	3	Internal	
	21909	Demonstrate knowledge of fasteners used in mechanical engineering	1	Internal	
	20917	Demonstrate basic knowledge of engineering materials	2	Internal	
	2395	Select, use, and care for, engineering hand tools	4	Internal	
	2432	Manually construct plane geometric shapes for engineering	3	Internal	
<b>Year 13 Engineering</b>  Students learn about material properties, selection and processes. They combine this knowledge with skills learnt in Y11 and 12 to design and make a motor bike frame and swingarm. A kit set of motor bike parts is fitted to it to make a running motor bike.	20799	Demonstrate knowledge of common engineering metals	4	Internal	
	91620	Construction and Mechanical Technologies 3.20 - Implement complex procedures to integrate parts using resistant materials to make a specified product	6	Internal	
	91624	Construction and Mechanical Technologies 3.24 - Demonstrate understanding of a structural system	3	Internal	L1 Lit
	91625	Construction and Mechanical Technologies 3.25 - Demonstrate understanding of a complex machine	3	Internal	L1 Lit

# Graphics

Course	Standard	Credits	Form of Assessment	Literacy/ Numeracy	
<b>Year 11 Graphics</b>  This course is based around visual communication through a variety of design and drawing tasks. Visual communication will range from freehand sketches of ideas to technical drawings and models of solutions, including basic computer drawing. Design briefs will a wide variety of disciplines.	91063	Design and Visual Communication 1.30 - Produce freehand sketches that communicate design ideas	3	External	
	91064	Design and Visual Communication 1.31 - Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	3	External	Num
	91065	Design and Visual Communication 1.32 - Produce instrumental paraline drawings to communicate design ideas	3	External	Num
	91066	Design and Visual Communication 1.33 - Use rendering techniques to communicate the form of design ideas	3	Internal	
	91067	Design and Visual Communication 1.34 - Use the work of an influential designer to inform design ideas	3	Internal	
	91068	Design and Visual Communication 1.35 - Undertake development of design ideas through graphics practice	6	Internal	
<b>Year 12 Graphics</b>  This course is based around a variety of design and drawing experiences. Visual communication will range from freehand sketches of ideas to technical drawings and models of solutions, including basic computer drawing.	91337	Design and Visual Communication 2.30 - Use visual communication techniques to generate design ideas	3	External	
	91338	Design and Visual Communication 2.31 - Produce working drawings to communicate technical details of a design	4	External	
	91339	Design and Visual Communication 2.32 - Produce instrumental perspective projection drawings to communicate design ideas	3	External	
	91340	Design and Visual Communication 2.33 - Use the characteristics of a design movement or era to inform own design ideas	3	Internal	
	91341	Design and Visual Communication 2.34 - Develop a spatial design through graphics practice	6	Internal	L1 Lit
	91342	Design and Visual Communication 2.35 - Develop a product design through graphics practice	6	Internal	
<b>Year 13 Graphics</b>  The work in this course is similar in content to the previous year, although it delves deeper into the design process while the level of graphics practice increases.	91627	Design and Visual Communication 3.30 - Initiate design ideas through exploration	4	External	
	91628	Design and Visual Communication 3.31 - Develop a visual presentation that exhibits a design outcome to an audience	6	Internal	
	91629	Design and Visual Communication 3.32 - Resolve a spatial design through graphics practice	6	Internal	
	91630	Design and Visual Communication 3.33 - Resolve a product design through graphics practice	6	Internal	
	91631	Design and Visual Communication 3.34 - Produce working drawings to communicate production details for a complex design	6	External	

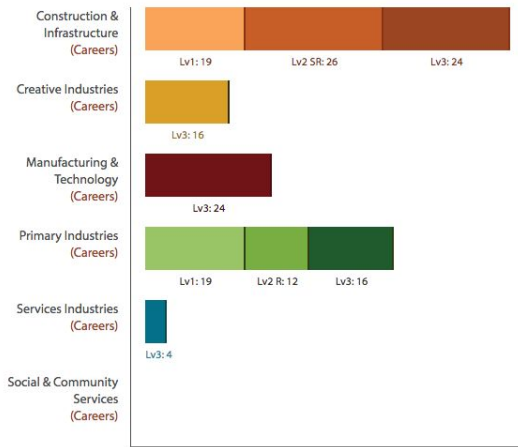
# Hospitality

Course	Standard	Credits	Form of Assessment	Literacy/ Numeracy
<b>Year 11 Hospitality</b> Students will purchase two workbooks and complete the following learning. Identify career pathways in the hospitality industry. Prepare meat, eggs and cheese, fruit and vegetables, finger food, cakes and scones and sauces and soups. They will also learn how to care, use and carry knives for use in the hospitality industry.	15900	Prepare and present meat in the hospitality industry	4	Internal
	15901	Prepare and present fruit and vegetables in the hospitality industry	3	Internal
	19770	Prepare and present egg and cheese dishes in the hospitality industry	2	Internal
	21058	Identify career pathways in the hospitality industry	2	Internal
	15920	Prepare and present sauce and soup in the hospitality industry	2	Internal
	15919	Prepare and present hot finger food in the hospitality industry	2	Internal
	15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	3	Internal
<b>Year 12 Hospitality</b> Students will purchase two workbooks and complete the following learning. Cook food by frying, grilling and roasting, learn different vegetable cuts and present basic sandwiches and salads, knife handling and food safety.	15620	Apply knowledge of hygiene and safety in preparation, serving, and storage of food	2	Internal
	13271	Cook food items by frying	2	Internal
	13276	Cook food items by grilling	2	Internal
	13278	Cook food items by roasting	2	Internal
	13280	Prepare fruit and vegetable cuts	2	Internal
	13281	Prepare and present basic sandwiches for service	2	Internal
	13283	Prepare and present salads for service	2	Internal
	13285	Handle and maintain knives in a commercial kitchen	2	Internal
167	Practise food safety methods in a food business	4	Internal	
<b>Year 13 Hospitality</b> Students will purchase three small workbooks and complete the following learning. Demonstrate knowledge of coffee origin and production. Prepare and present espresso beverages for service. Demonstrate knowledge of food contamination hazards and control methods in a food business.	168	Demonstrate knowledge of food contamination hazards, and control methods used in a food business	4	Internal
	13282	Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	2	Internal
	13293	Prepare and cook basic vegetable dishes in a commercial kitchen	6	Internal
	17284	Demonstrate knowledge of coffee origin and production	3	Internal
	17288	Prepare and present espresso beverages for service	5	Internal

# Digitech / Computing

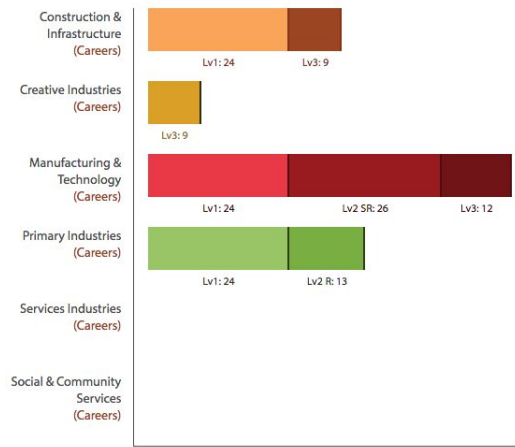
Course	Standard	Credits	Form of Assessment	Literacy/ Numeracy	
<b>Year 11 Digitech</b>  Construct briefs, design concepts and develop your own digital outcome. At level 1 this is an interactive quiz and a magazine.	91044	Generic Technology 1.1 - Undertake brief development to address a need or opportunity	4	Internal	L1 Lit
	91046	Generic Technology 1.3 - Use design ideas to produce a conceptual design for an outcome to address a brief	6	Internal	
	91071	Digital Technologies 1.41 - Implement basic procedures to produce a specified digital information outcome	4	Internal	
	91073	Digital Technologies 1.43 - Implement basic procedures to produce a specified digital media outcome	4	Internal	
<b>Year 12 Digitech</b>  Construct briefs, design concepts and develop your own digital outcome. At level 2 this is a website for a business or creating a movie.	2784	Create and use a computer spreadsheet to solve a problem	3	Internal	
	91354	Generic Technology 2.1 - Undertake brief development to address an issue	4	Internal	L1 Lit
	91356	Generic Technology 2.3 - Develop a conceptual design for an outcome	6	Internal	
	91370	Digital Technologies 2.43 - Implement advanced procedures to produce a specified digital media outcome	4	Internal	
<b>Year 13 Digitech</b>  Construct briefs, design concepts and develop your own digital outcome. At level 3 this is a database driven media design.	91608	Generic Technology 3.1 - Undertake brief development to address an issue within a determined context	4	Internal	L1 Lit
	91610	Generic Technology 3.3 - Develop a concept design considering fitness for purpose.	6	Internal	L1 Lit
	91635	Digital Technologies 3.43 - Implement complex procedures to produce a specified digital media outcome	4	Internal	L1 Lit
<b>Year 11 Computing</b>  Using a computer for business needs eg typing, excel and powerpoint.	101	Develop and use keyboarding skills to enter text	3	Internal	
	102	Consolidate keyboarding skills and produce accurate text based documents	3	Internal	
	5946	Use computer technology to create and deliver a presentation from given content	3	Internal	
	18758	Find information using the Internet	2	Internal	
	26745	Produce still images for a range of digital media	3	Internal	
<b>Year 12 Computing</b>  Using a computer for business needs eg Using microsoft word, excel and powerpoint. Making a movie.	111	Use a word processor to produce documents for a business or organisation	5	Internal	
	5940	Produce a presentation using a desktop presentation computer application	3	Internal	
	5946	Use computer technology to create and deliver a presentation from given content	3	Internal	
	25662	Use digital communications technologies	3	Internal	
<b>Year 13 Computing</b>  Learning to use a computer for business use.	112	Produce business or organisational information using word processing functions	5	Internal	
	2785	Create a computer spreadsheet to provide a solution for organisation use	5	Internal	
	2789	Produce desktop published documents for organisation use	6	Internal	

## DST Pathway Graph



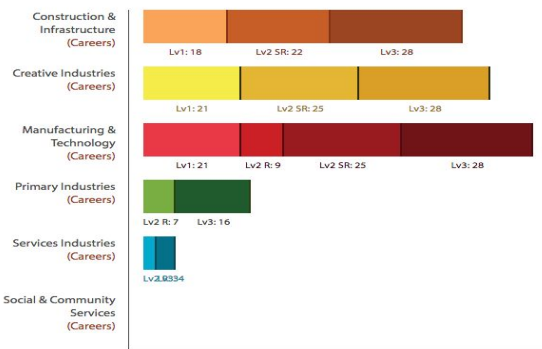
Vocational Credits: 69 | Other Credits: 0 | Total: 69  
R = Recommended SR = Sector Related

## Engineering Pathway Graph



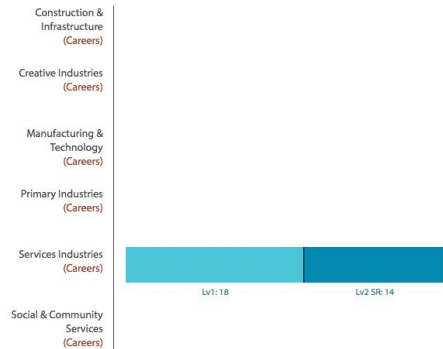
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R = Recommended SR = Sector Related

## Graphics Pathway Graph



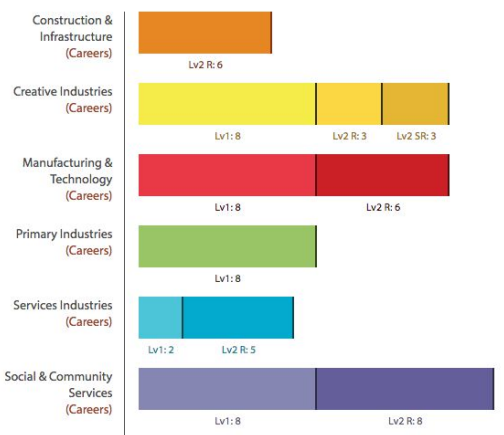
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R = Recommended SR = Sector Related

## Hospitality Pathways graph



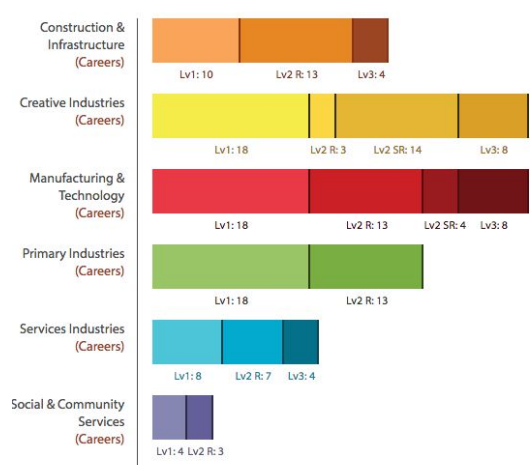
Vocational Credits: 32 | Other Credits: 0 | Total: 32  
R = Recommended SR = Sector Related

## Computing Pathway Graph



Vocational Credits: 25 | Other Credits: 0 | Total: 25  
R = Recommended SR = Sector Related

## Digitech Pathway Graph



Vocational Credits: 43 | Other Credits: 0 | Total: 43  
R = Recommended SR = Sector Related