

TECHNOLOGY

Course: Furniture Production and Technology (FPT 103)				Teacher to see: Mr Perillo / Ms Bunt				
COURSE DESCRIPTION: Students will develop practical solutions in our new, fully equipped wood workshops by making a range of products both for the building industry and the cabinet/furniture making industry. Students will learn to use a range of tools and modern machinery as well as traditional manufacturing methods to unit standard requirements. Projects can include: Plywood chair and garden table or design challenge.				PREREQUISITES: Year 10 woodwork would be useful but not essential.				
				COSTS: Subject fees: \$65				
ELIGIBLE FOR COURSE ENDORSEMENT No								
Standard	Level	Domain	Title	Int/Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
US24352	1	Building and carpentry	Demonstrate knowledge of and apply safe working practices for a basic construction project. BCATS	Int	2			C,P
US24356	1	Building and carpentry	Apply elementary workshop procedures and processes BCATS	Int	8			C,P
US25536	2	Building and carpentry	Operate a band saw to produce furniture components (Competenz)	Int	3			C
US14995	2	Building and carpentry	Construct free-hand drawings for use in furniture making (Competenz)	Int	2			C,MT,CI
US18917	2	Building and carpentry	Construct hand joints for furniture (Competenz)	Int	3			C,MT
Total Credits:					18			
Related career: Any Building and construction vocation, cabinet and furniture making. Transferable skills: Problem Solving, Design Skills, Manufacturing skills, Accuracy.								

Course: Furniture Production Technology (FPT 203)

Teacher to see: Mr Ollie Perillo / Ms Bunt

COURSE DESCRIPTION: Students will make a range of projects in our new, fully equipped wood workshops. They learn new skills using tools and equipment, observing and performing woodworking processes and investigating work methods. Project include: Cape Cod chair and design challenge

PREREQUISITES: Level 1 FPT or at HoD Discretion

COSTS: Subject fees: \$70
Additional material costs will apply to be able to take home large projects (between \$40-\$60)

ELIGIBLE FOR COURSE ENDORSEMENT No

Standard	Level	Domain	Title	Int/Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
US12932	2	Building and carpentry	Construct timber garden furniture	Int	8			CI
US20047	2	Building and carpentry	Hand turn wood to produce furniture	Int	4			CI,PI
US2199	2	Building and carpentry	Use and maintain hand tools for furniture making	Int	4			CI
US24354	2	Building and carpentry	Demonstrate knowledge of safe working practices	Int	4			CI,MT,PI
Total Credits:					20			

Related career: Any Building and construction vocation, cabinet and furniture making.

Transferable skills: Problem Solving, Design Skills, Manufacturing skills, Accuracy.

Course: Computing and Digital Technologies 101 (CDT 101)

Teacher to see: Mr S Qureshi

COURSE DESCRIPTION:

Year 11 Digital Technologies (NCEA Level 1) extends and develops students' knowledge and skills in this growing and vital academic as well as practical subject. Students will develop skills and knowledge of tools and techniques in the areas of programming, databases, 3D modelling and computer science theory.

PREREQUISITES: HOD approval, preferable for students to have taken CDT at Year 10, with a successful record, or have good general computing skills and a good academic record

ELIGIBLE FOR COURSE ENDORSEMENT YES

COSTS: Subject fees: Nil

Standard	Level	Domain	Title	Int / Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
AS91883	1	Digital Technologies	Develop a computer program	Int	4			MT,CT
AS91879	1	Digital Technologies	Develop a digital outcome to manage data	Int	4			MT, PI, CI
AS91880	1	Digital Technologies	Develop a digital media outcome	Int	4			
AS91887	1	Digital Technologies	Demonstrate understanding of compression coding for a chosen media type.	Ext	3	Lit		MT, PI, SI, CT
Total Credits:					15			

Related career: IT Manager, Software Programmer, Database Administrator, Web Developer

Transferable skills: Ability to read and follow detailed written instructions, planning, keyboarding skills, and spreadsheets

Course: Computing and Digital Technologies 201 (CDT 201)

Teacher to see: Mr S Qureshi

COURSE DESCRIPTION:

Year 12 Digital Technologies (NCEA Level 2) extends and develops students' knowledge and skills in this growing and vital academic as well as practical subject to an advanced level. Students will develop skills and knowledge of tools and techniques in the areas of programming, databases, game development, and computer science theory.

PREREQUISITES: HOD approval, preferable for

students to have taken and passed CDT at Level 1 or have good general computing skills and a successful academic records.

ELIGIBLE FOR COURSE ENDORSEMENT YES

COSTS: Subject fees: Nil

Standard	Level	Domain	Title	Int / Ext	Cr	Level 2 Lit / Num	U.E. Literacy	Vocational Pathway
AS91896	2	Digital Technologies	Use advanced programming techniques to develop a computer program.	Int	6			
AS91893	2	Digital Technologies	Use advanced techniques to develop a digital media outcome (game development)	Int	4			
AS91892	2	Digital Technologies	Use advanced techniques to develop a database.	Int	4			
AS91898	2	Digital Technologies	Demonstrate understanding of a computer science concept	Ext	3			
Total Credits:					17			

Related career: IT Manager, Software Programmer, Database Administrator, Game Developer

Transferable skills: Ability to read and follow complex detailed instructions, planning, keyboarding skills, and using interactive processes.

Course: Computing and Digital Technologies 301 (CDT 301)

Teacher to see: Mr S Qureshi

COURSE DESCRIPTION:

Year 13 Digital Technologies (NCEA Level 3) extends and develops students' knowledge and skills in this growing and vital academic as well as practical subject to a higher and complex level. Students will develop skills and knowledge of tools and techniques in the areas of digital information, digital media and computer programming.

PREREQUISITES: Pass CDT 201 or at HoD discretion.

ELIGIBLE FOR COURSE ENDORSEMENT YES

COSTS: Subject fees: Nil

Standard	Level	Domain	Title	Int / Ext	Cr	Level 3 Lit / Num	U.E. Literacy	Vocational Pathway
AS91902	3	Digital Technologies	Use complex techniques to develop a database	Int	4			
AS91903	3	Digital Technologies	Use complex techniques to develop a digital media outcome (game development)	Int	4			
AS91906	3	Digital Technologies	Use complex techniques to develop a computer program	Int	6			
AS91909	3	Digital Technologies	Present a reflective analysis of developing a digital outcome	Ext	3			
Total Credits:					17			

Related career: IT Manager, Software Programmer, Database Administrator, Game Developer

Transferable skills: Ability to read and follow complex written instructions, planning, keyboarding skills, and using iterative process

Course: Computing 103 (CMP103)

Teacher to see: Mr S Qureshi

COURSE DESCRIPTION: This course is based on computing unit standards in the area of computing. Topics include desktop publishing, creating web pages and spreadsheets.

PREREQUISITES: Permission of HOD

ELIGIBLE FOR COURSE ENDORSEMENT YES

COSTS:
Subject fees: Nil

Standard	Level	Domain	Title	Int / Ext	Cr	Level 3 Lit / Num	U.E. Literacy	Vocational Pathway
US 2792	1	Computing	Produce simple desktop published documents using templates	Int	2			
US 18743	1	Computing	Produce a spreadsheet from instructions using supplied data	Int	2			
US 18739	1	Computing	Create and use simple command sequences in a computer language (Based on Scratch Programming)	Int	2			
US 18758	1	Computing	Find information using the Internet	Int	2			
US 5946	1	Computing	Use computer technology to create and deliver a presentation from given content	Int	3			
US 18734	1	Computing	Create a web page using a template	Int	2			
US 25659	1	Computing	Create a web page using a mark-up language with a text editor	Int	2			
Total Credits:					15			

Related career: This course opens the door for entry into a wide range of industries where entry-level digital technology skills are required
Transferable skills: Text entry, keyboarding, configuring digital devices, spreadsheets, presentations, databases

Course: Computing 203 (CMP203)

Teacher to see: Mr S Qureshi

COURSE DESCRIPTION: This course is based on new unit standards in the area of computing. This course offers the possibility of working towards and obtaining the newly introduced national qualification, the New Zealand Certificate of Computing.

PREREQUISITES: Passing Level 1 NCEA

COSTS:
Subject fees: Nil

ELIGIBLE FOR COURSE ENDORSEMENT YES

Standard	Level	Domain	Title	Int / Ext	Cr	Level 3 Lit / Num	U.E. Literacy	Vocational Pathway
US 29769	2	Computing	Use the main features and functions of a word processing application for a purpose	Int	3			
US 29770	2	Computing	Use the main features and functions of a spreadsheet application for a purpose	Int	3			
US 29771	2	Computing	Use the main features and functions of a presentation application for a purpose	Int	2			
US 29772	2	Computing	Manage files and folders using digital devices	Int	2			
US 29773	2	Computing	Produce digital images for a range of media	Int	3			
US 29774	2	Computing	Use the main features and functions of a desktop publishing application for to create documents	Int	3			
US 29778	2	Computing	Use the main features and functions of a schematic diagram application to create diagrams	Int	2			
Total Credits:					18			

Related career: This course opens the door for entry into a wide range of industries where entry-level digital technology skills are required

Transferable skills: Text entry, keyboarding, configuring digital devices, spreadsheets, presentations, databases

Course: Computing 303 (CMP303)

Teacher to see: Mr S Qureshi

COURSE DESCRIPTION: This course is based on new unit standards in the area of computing. This course offers the possibility of working towards and obtaining the newly introduced national qualification, the New Zealand Certificate of Computing. Topics include integrating images, spreadsheets, databases and desktop publishing.

PREREQUISITES: Passing Level 2 NCEA

COSTS:
Subject fees: Nil

ELIGIBLE FOR COURSE ENDORSEMENT YES

Standard	Level	Domain	Title	Int / Ext	Cr	Level 3 Lit / Num	U.E. Literacy	Vocational Pathway
US 29785	3	Computing	Use a word processing application to integrate images, spreadsheet, and database data into documents	Int	4			
US 29786	3	Computing	Produce a spreadsheet for organisational use	Int	3			
US 29789	3	Computing	Use a presentation application to produce an interactive multimedia presentation	Int	3			
US 29792	3	Computing	Use a desktop publishing application to produce documents	Int	4			
US 29790	3	Computing	Apply digital tools to create and monitor a project plan	Int	3			
Total Credits:					17			

Related career: This course opens the door for entry into a wide range of industries where entry-level digital technology skills are required

Transferable skills: Text entry, keyboarding, configuring digital devices, spreadsheets, presentations, and project management

Course: Design Visual Communication 101 (DVC 101)

Teacher to see: Mrs Hine

COURSE DESCRIPTION: Students will develop design solutions to given briefs by working through the design process. This course covers freehand drawing, technical drawing, computer aided design and use of a range of media. Projects cover the design areas of furniture, product and architectural design. Students work on projects all year leading to Internal and External assessment of the portfolio of work at the end of the year (No exams).

PREREQUISITES:

It is preferable that students have studied DVT in Yr10.

COSTS:

Nil

ELIGIBLE FOR COURSE ENDORSEMENT: YES

Standard	Level	Domain	Title	Int / Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
AS91063	1	Technology DVC	Produce freehand sketches that communicate design ideas	Ext	3			C/I,M/T,CI
AS91065	1	Technology DVC	Produce instrumental paraline drawings to communicate design ideas	Ext	3	Num		C/I,M/T,CI
AS91066	1	Technology DVC	Use rendering techniques to communicate the form of design ideas	Int	3			C/I,M/T,CI
AS91067	1	Technology DVC	Use the work of an influential designer to inform design ideas	Int	3			C/I,M/T,CI
AS91068	1	Technology DVC	Undertake development of design ideas through graphics practice	Int	6			C/I,M/T,CI
AS91069	1	Technology DVC	Promote an organised body of design work to an audience using visual communication (opt.)	Int	4	Lit		C/I,M/T,CI
Total Credits:					22			

Related careers: Architecture; Spatial, Landscape, Interior, Product, Industrial.

Transferable skills: Visual Communication, problem solving, presentation skills, computer aided design and manufacturing skills, accuracy.

COURSE DESCRIPTION:

Students will develop solutions to design briefs by working through the design process. This course covers design history, freehand drawing, technical drawing, use of media, architectural Computer Aided Design (CAD) and model making. Projects cover the design areas of architecture and product design. Students work on projects all year leading to internal and external assessment of the portfolio of work at the end of the year (no exams).

ELIGIBLE FOR COURSE ENDORSEMENT: YES

PREREQUISITES: 14 credits Level 1 DVC or PDT or teacher discretion

COSTS: Nil

Standard	Level	Domain	Title	Int / Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
AS91337	2	Technology DVC	Use visual communication techniques to generate design ideas	Ext	3			CI, MT, P, C
AS91340	2	Technology DVC	Use the characteristics of a design movement to inform own design ideas	Int	3			CI, MT, P, C
AS91341	2	Technology DVC	Develop a spatial design through graphics practice	Int	6	Lit		CI, MT, P, C
AS91342	2	Technology DVC	Develop a product design through graphics practice	Int	6			CI, MT, P, C
AS91343	2	Technology DVC	Use visual communication techniques to compose a presentation of design (optional)	Int	4			CI, MT, P, C

Total Credits:	22
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Related careers: Architecture; Spatial, Landscape, Interior, Product, Industrial.

Transferable skills: Visual Communication, problem solving, presentation skills, computer aided design and manufacturing skills, accuracy.

Course: Design Visual Communication with Product Design (DVC 301)

Teacher to see: Mrs Hine

COURSE DESCRIPTION:

This course combines DVC and Product/Mixed Materials Design at Level 3. Students will work through the design process to create and present solutions. Students will develop sophisticated design, visual communication, presentation and critical analysis skills. This course establishes students as independent designers, creating their own individualised project from a range of contexts from the design areas of architecture/landscape architecture and/or product/fashion design. Students work on projects all year leading to selected internal and external assessments with a portfolio of work at the end of the year. (No exams).

UNIVERSITY APPROVED LIST SUBJECT YES

ELIGIBLE FOR COURSE ENDORSEMENT YES

PREREQUISITES: Product Design or DVC at Level 2 is preferable or at HoD discretion.

COSTS: Nil

Standard	Level	Domain	Title	Int/ Ext	Cr	Level 1 Lit /Num	U.E. Literacy	Vocational Pathway
AS91611	3	Generic	Develop a prototype	Int	6			
AS91627	3	DVC	Initiate design ideas through exploration	Ext	4			
AS91630	3	DVC	Resolve a product design through graphics practice Will do either Spatial OR Product	Int	6			
AS91629	3	DVC	Resolve a spatial design through graphics practice . Will do either Spatial OR Product	Int	6			
AS91620	3	Construction & Mechanical	Implement complex procedures to integrate parts using resistant materials to make a specified product	Int	6			
AS91622	3	Construction Mechanical	Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine	Int	4			
AS91628	3	DVC	Develop a visual presentation that exhibits a design outcome to an audience	Int	6			
			Total Credits		Min 20			

Related career: Architecture, Spatial Design, Landscape Design, Interior design, Product Design, Industrial Design, CAD technician.

Transferable skills: Visual Communication, problem solving, presentation/pitching skills, computer aided design and manufacturing skills and accuracy.

Course: Engineering 103 (EGS 103)

Teacher to see: Mr Moss

COURSE DESCRIPTION: Students will develop practical solutions in the workshop by making a range of projects. They learn new skills using tools and equipment, observing and performing engineering processes and investigating work methods. There are theory task sheets that must be completed as part of this course.

PREREQUISITES: Engineering in Year 10 an advantage

ELIGIBLE FOR COURSE ENDORSEMENT: NO

COSTS:
Subject fees: \$60 for materials used for take home projects.

Standard	Level	Domain	Title	Int / Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
US22923	1	Mechanical Eng. Tech	Basic engineering workshop skills	Int	12			MT,PI
US22924	1	Mechanical Eng. Tech	Develop a simple product using engineering materials	Int	10			MT,PI
US4433	1	Engineering Measurement	Select ,use, and care for simple measuring devices (Optional)	Int	2			MT,PI
Total Credits:					22			

Related careers: Any Mechanical Engineering trade, Automotive Engineering.
Transferable skills: Problem Solving, Design Skills, Manufacturing skills, Accuracy.

Course: Engineering 203 (EGS 203)

Teacher to see: Mr Moss

COURSE DESCRIPTION:

Engineering students will develop and solve practical solutions in the workshop by making a range of projects at a level advanced of Year 11. The unit standards represent a set of foundational skills for Mechanical Engineering and related trades.

PREREQUISITES: Students should have studied a Level 1 Engineering programme or at HOD discretion.

COSTS: Subject fees: \$60 initially for materials.

ELIGIBLE FOR COURSE ENDORSEMENT NO

Standard	Level	Domain	Title	Int / Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
US2395	2	Eng. Core	Select, use, and care for engineering hand tools.	Int	4			MT
US2396	2	Eng. Core	Select, use, maintain portable hand held power tools.	Int	4			MT
US21909	2	Eng. Core	Demonstrate knowledge of fasteners used in mechanical engineering.	Int	1			MT
US2430	2	Eng. Drawing	Manually produce and interrupt engineering sketches under supervision.	Int	4			MT
US4435	2	Eng. Measmt	Select, use, and care for engineering dimensional measuring equipment.	Int	3			MT
US4436	2	Eng. Measmt	Select, use, and care for engineering marking-out equipment.	Int	4			MT
Total Credits:					20			

Related careers: Mechanical Engineering trades: General Engineering, Fitting & Turning, Tool making, Marine Engineering & Fabrication.

Transferable skills: Problem Solving, Design skills, Manufacturing skills, Accuracy.

Course: Engineering 303 (EGS 303)

Teacher to see: Mr Moss

COURSE DESCRIPTION:

Engineering: This course is for students who wish to complete further Engineering standards and develop more advanced level practical solutions by making a range of projects.

ELIGIBLE FOR COURSE ENDORSEMENT NO

PREREQUISITES: Students should have studied a Level 2 Engineering programme.

COSTS: Subject fees: \$60 initially for materials.

Standard	Level	Domain	Title	Int / Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
US2387	2	Eng. assemble	Assemble mechanical components under supervision.	Int	2			MT
US2432	2	Eng. Drawing Design	Manually construct plane geometric shapes for engineering.	Int	3			MT
US20917	2	Eng. Materials	Demonstrate basic knowledge of engineering materials.	Int	2			MT
US21906	2	Eng. Core	Perform basic mechanical engineering machining operations under supervision.	Int	12			MT
Total Credits:					20			

Related careers: Mechanical Engineering trades: General engineering, Fitting & Turning, Tool making, Marine Engineering & Fabrication.

Transferable skills: Problem Solving, Design skills, Manufacturing skills, Accuracy.

Course: Food & Nutrition Technology 101 (FNT 101)

Teacher to see: Mrs Pepper/Mrs Flusk

COURSE DESCRIPTION: Through the processes of selecting, preparing, cooking, and serving food, students enhance their creativity and develop skills that contribute to well being. Supported by practical food safety students will have the opportunity to investigate healthy eating and cultural foods in our communities along with building the knowledge and skills to interpret food packaging.

PREREQUISITES: Open entry though Yr 9 and/or 10 FNT is an advantage.

COSTS:
Subject fees: Nil

ELIGIBLE FOR COURSE ENDORSEMENT Yes

Standard	Level	Domain	Title	Int/Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
AS90959	1	Home Economics	Demonstrate knowledge of practices and strategies to address food handling issues	Int	5			
AS 90956	1	Home Economics	Demonstrate knowledge of an individual's nutritional needs	Int	5			MT, P, S, C, SC
AS 90958	1	Home Economics	Demonstrate understanding of how cultural practices influence eating patterns in NZ	Int	5			MT, P, S, C, SC
AS 90961	1	Home Economics	Demonstrate understanding of how packaging information influences an individual's food choices and well-being	Ext	4			
Total Credits:					18			

Related career: Food Technologist, Nutritionist, Nurse, Dietitian, Food Product Developer, Food analysis, Chef, Teacher

Transferable skills: Problem solving, Practical cooking skills, communication, time management, creative skills, innovation, reasoning, project planning, measuring, weighing.

Course: HOSPITALITY 203 (HOS 203)					Teacher to see: Mrs Pepper /Mrs Flusk			
COURSE DESCRIPTION: This is a practical, Hospitality industry focused course with standards recognised by Service IQ. Commercial equipment is used to prepare café quality dishes and you will have the opportunity to gain credits in the application of barista skills, though managing the Hot Shotz café. ELIGIBLE FOR COURSE ENDORSEMENT NO					PREREQUISITES: None, however Level 1 Food and Nutrition is an advantage.			
					COSTS: Nil			
Standard	Level	Domain	Title	Int / Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
US167	2	Hospitality	Practice food safety methods in a food business.	Int	4			SI
US13285	2	Hospitality	Handle and maintain knives in a commercial kitchen.	Int	2			SI
US13283	2	Hospitality	Prepare and present salads for service.	Int	2			SI
US13272	2	Hospitality	Cook food items by baking.	Int	2			SI
US17285	2	Hospitality	Espresso equipment and espresso beverages.	Int	4			SI
US13276	2	Hospitality	Cook food items by grilling.	Int	2			SI
US13281	2	Hospitality	Prepare basic sandwiches for service.	Int	2			SI
Total Credits:					18			
Related careers: Barista, chef, front of house café, pastry chef, bartender, baker, and other Hospitality industries, Transferable skills: Food Safety skills, practical cooking skills, menu planning, budgeting, research and application of nutritional knowledge.								

Course: Mixed Materials Technology (MXT101)

Teacher to see: Mrs Hine/Ms Bunt

COURSE DESCRIPTION: Previously Product/Fashion Design.
 This course consolidates knowledge of the design process by establishing skills in design and manufacture with a focus on producing a modelled outcome from a range of mixed materials including but not limited to, wood, fabric, plastic and/or metal. To complete this course, students will cover visual communication, practical knowledge and application and the development of construction skills.

PREREQUISITES: DVT Year 10 is preferable

COSTS:
 Subject fees: \$30

ELIGIBLE FOR COURSE ENDORSEMENT YES

Standard	Level	Domain	Title	Int/ Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
AS91047	1	Technology	Undertake development to make a prototype to address a brief	Int	6			CI,MT,PI
AS91046	1	Technology	Use design ideas to produce a conceptual design for an outcome to address a brief	Int	6			
AS91045	1	Technology	Use planning tools to guide the technological development of an outcome to address a brief	Int	4			
AS91048	1	Technology	Demonstrate understanding of how technological modelling supports decision-making (optional)	Ext	4			
AS91068	1	DVC	Produce instrumental paraline drawings to communicate design ideas (optional)	Ext	3			
Total Credits:					21			

Related career: Product/Industrial Design, Fashion, jewellery design, accessory design.

Transferable skills: Visual Communication, problem solving, presentation/pitching skills, computer aided design and manufacturing skills and accuracy.

Course: Mixed Materials Technology (MXT201)				Teacher to see: Mrs Hine/Ms Bunt				
COURSE DESCRIPTION: Level 2 students are required to think creatively and innovatively to design and make products. Using specialist Design knowledge, students develop skills and understanding working for a real client from industry and continue to use skills in in CAD/CAM, modelling, manufacturing using a range of mixed materials including but not limited to, wood, fabric, plastic and/or metal.				PREREQUISITES: It will be an advantage if students have studied PDT101 (2019) or DVC101. HoD Discretion.				
				COSTS: Subject fees: \$30				
ELIGIBLE FOR COURSE ENDORSEMENT YES								
Standard	Level	Domain	Title	Int/ Ext	Cr	Level 1 Lit / Num	U.E. Literacy	Vocational Pathway
AS91355	2	Tech	Select and use planning tools	Int	4			CI,MT,PI,C
AS91356	2	Tech	Develop a conceptual design for an outcome	Int	6			CI,MT,PI,SI,C
AS91357	2	Tech	Undertake effective development to make and trial a prototype	Int	6			CI,MT,PI
AS91338	2	Tech	Produce working drawings to communicate technical details of a design	Ext	4			CI,MT
Total Credits:					20			
Related career: Product/Industrial Design, Fashion and accessory Design, Furniture Design. Transferable skills: Visual Communication, problem solving, presentation/pitching skills, computer aided design and manufacturing skills and accuracy.								