

Commercial Setting	Major Design Project	Justification
<u>Tools</u>	<u>Tools</u>	<u>Tools</u>
domestic overlocker industrial sewing machine	domestic overlocker @ school domestic sewing machines available @ home & school	domestic machines are sufficient for my particular needs and are also the only tools available to me
10" dressmaking scissors Janome cutting table 1.5 X 1m	ordinary 4.5-5" dressmaking scissors large tables @ school & dinner table	may try to borrow a larger pair to save time and improve other factors
2 domestic irons, 1 for interfacing	1 iron @ work 1 @ school use old iron for interfacing or ironing cloth	to ensure the fabric is not ruined from glue and save wastage
Rack to hang garment when using the ironing board	use chairs or extra tables or anything else available	to prevent extra work and create a better quality garment
other domestic tools such as pins, sewing needles etc.	available @ school and @ home	necessary for complete production
<u>Techniques</u>	<u>Techniques</u>	<u>Techniques</u>
Not pre-washing a fabric before construction	I probably won't pre-wash my fabric before construction	Not necessary if a man-made fibre
Not tacking/pinning unless for darts where pins used	I will probably at least need to use pins	with lesser expertise pinning would probably be necessary although quicker otherwise
creating full calico prototypes for bridal wear	I will create a full working prototype	This step necessary to pick up design faults or problems before construction
cheaper bridesmaids dresses are cut out without a prototype	My garment is not cheap so a prototype will be made	this would be done to be less time consuming to create a cheaper
bridesmaids dresses without prototype are made larger	does not apply to my garment as mentioned above	garment for the consumer but in my case it would infringe on quality
garment professionally pressed @ dry-cleaners	my garment will be pressed by the dry-cleaners once it is complete	this adds appeal and gives a professional finish for presentation
allow more in seams for tight bodice for adjustments	I will allow 2.5cm for side seams to be taken out if needed	this needs to be done for fitted bodice to prevent wastage in re-doing it

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<u>Processes</u>	<u>Processes</u>	<u>Processes</u>
Begins with input about garment design from customer	initial design is from my own personal ideas	as in the proposal this garment is to meet my personal needs
a compromise design is agreed to by both parties	after research, testing and other input a design choice is established	practical appropriateness & costs need to be considered
the customer is measured & the block pattern adjusted	I find someone who can measure & the pattern can then be altered	the garment needs to fit me properly to be functional
the calico prototype is made & the customer gets fitted	I construct a full working prototype to be tried for size & fit	the prototype is created to improve garment quality & reduce error
construction begins on full garment	I can then begin construction	construction should now run smoothly after all processes
 fittings can be made during production	I should constantly try the garment on before sewing or trimming seams	fitting garment as I go could prevent a mistake being made
the garment is finished, tried for size then pressed	after complete, it can be pressed, tried for size & photographed	pressing increases presentation and usability
<u>Safety & Quality Control</u>	<u>Safety & Quality Control</u>	<u>Safety & Quality Control</u>
correct closed in footwear mostly worn	always follow safety procedures & correct foot wear worn	necessary to meet safety standards. Australia
ergonomic chair used @ sewing machine	comfortable chair used @ home & cushion taken for school	to prevent back or neck problems during or after work
work broken up by small exercises to reduce strain	small stretching movements can be done @ intervals	strain could inhibit upon work so prevention is better
quality control checking continuously as you go	quality control as I go and also a final official check-list to cover	carried out continuously to adjust before its too late & quality essential
reliable supplier for quality fabrics and materials	materials tested before purchased & well-renowned supplier	my proposal needs to be met through a quality end product

Bridal by Amanda Jane is a local business that creates one-off couture type garments for the consumer as they need the garment.

Amanda Jane Killiby who is the dressmaker and designer behind the business, lives in Sydney after moving from Moree, but still runs her business in Bathurst as well.

Amanda has a commercial type setting of designing and manufacturing and also as my mentor has been the major research of the “Relationship of Technical Activities undertaken in the MDP to Industrial & Commercial Practices”

Amanda whilst living in Sydney also holds a job at a clothing manufacturing factory.

This is also a great example of the relationship of my MDP to industry. The factory services businesses such as Just Jeans, Target, and Kmart. Amanda holds a position as a Pattern Maker. This aspect of industry is also quite interesting and appropriate to my MDP.

Industrial Setting	Major Design Project	Justification
<u>Tools</u>	<u>Tools</u>	<u>Tools</u>
Computer Aided design; through the uses of programs such as lectra, designs can be turned into patterns	can attempt using a scanner where a design can then be manipulated on the computer rather than re-sketching, other tools not available	CAD can be more efficient in saving time, wastage& effort
industrial machineryvertical blade cutter	domestic sewing machines & overlockersdressmaking scissors	domestic machines are sufficient for my particular needs, the only tools available to me, tools save time to improve other construction techniques
<u>Techniques</u>	<u>Techniques</u>	<u>Techniques</u>
follows full correct procedure of construction	I may take some shortcuts that would not be acceptable in industry	industry has a market to please whereas my market is myself & my construction can't be as precise
creates a prototype that is sent to the prospective business to meet approval	my prototype will be created to accommodate myself& will be used to adjust pattern accordingly	my prototype will meet all of the needs in my proposalas would the garment
basic block pattern available on computer to be used and worked with	I will already have a std. commercial pattern which has the basic design of my garment but will be adjusted	std. pattern saves constructing my own patternfrom nothing when it's not necessary
<u>Processes</u>	<u>Processes</u>	<u>Processes</u>
designs are established by individual or design teams to create designs	design is created from personal ideas & inspiration and then adjusted after testing is carried out	design from personal needs to be used by me as stated in my project proposal
designers work with pattern makers, and CAD to formulate a std. pattern	my design is compared to the basic pattern and the commercial pattern is adjusted accordingly	pattern adjusted to meet the needs of my body type and design features
the pattern forwards to the machinists who constructs the garment	a prototype is made as in industry	prototype created to prevent wastage when making the garment
the garment is sent to the commercial buyer eg Just Jeans who inspects the garment and orders accordingly	I would try the prototype for size and receive others opinion and useful feedback	opinion and feedback would be useful to adjust design or size before its to late

the garment is reproduced in a factory setting, by pattern grading and sent off to the businesses	my garment is completed and photographed for presentation	my garment would be photographed to acknowledge completion and receive recognition
Industrial Setting	Major Design Project	Justification
<u>Safety & Quality Control</u>	<u>Safety & Quality Control</u>	<u>Safety & Quality Control</u>
all the Occupational Health & Safety regulations are adhered to by the industry workers and reassured by an OHS team responsible for the safety of the workers	I will regard the schools regulations of safety taken from the appropriate OHS regulations	safety is necessary to meet the schools std.s and be regarded as a valid MDP
quality assurance is checked at regular intervals of production by certain individuals	a proper check-list for quality could be drawn up and checked at every interval	constant quality control could prevent more work later on when its too late, better end result
when the prototype is sent to the prospective business such as Just Jeans measurements of the garment are taken before sending and the company such as Just Jeans re-measures the garment upon arrival for quality assurance to the customer. a tolerance of 1cm is acceptable yet some company's make a fuss over 0.2mm.	I could ensure correct sizing of my garment through marked out seam lines and measurements taken in terms of garment fitting after pinning garment to adjust before stitching	correct sizing is important in the final product as the garment needs to be functional to meet the criteria to evaluate success. If the garment doesn't fit me I will be unable to use the garment and the project would be useless.
the use of CAD & CAM in industry ensures a more average or std. quality control result through equal production size and measurement. some forms of CAD include the digitising screen and also the Lectra design program.	I am unable to access most CAD or CAM facilities but will still aim to control the correct sizing of my garment	only 1 garment of one size is being created & won't need a std. result but an accurate sizing is still needed