



ASSESSMENT OUTLINE
GEMDTW – 2022
UNIT 1 AND UNIT 2



Assessment type	Assessment type weighting	Assessment task weighting	When/due date/ start and submission date	Assessment Task	Syllabus content
Design	25%	10%	Term 1 Weeks 1-5	Task 1: Cutting Board Design Folio	Design Fundamentals and Skills <ul style="list-style-type: none"> ▪ investigate ▪ devise ▪ elements of design ▪ evaluate Skills and Techniques <ul style="list-style-type: none"> ▪ ICT, portfolio development and communication skills ▪ context appropriate drawings and relevant technical information to produce the final product ▪ workroom/studio terminology appropriate to context ▪ select appropriate materials and calculate the quantities of materials required to complete the project with supervision, operate machinery and tools appropriate to context
		15%	Term 2 Weeks 6-10 Term 3 Weeks 1-3	Task 2: Cabinet Design Folio	Design Fundamentals and Skills <ul style="list-style-type: none"> ▪ investigate ▪ devise ▪ elements of design ▪ evaluate Skills and Techniques <ul style="list-style-type: none"> ▪ ICT, portfolio development and communication skills ▪ context appropriate drawings and relevant technical information to produce the final product ▪ workroom/studio terminology appropriate to context ▪ select appropriate materials and calculate the quantities of materials required to complete the project with supervision, operate machinery and tools appropriate to context



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Production	60%	5%	Term 1 Weeks 3-5	Task 3: Cutting Board	<p>Production Management</p> <ul style="list-style-type: none"> ▪ production plan ▪ ongoing evaluation techniques: diary, journal or portfolio notes and use of photography to record ongoing progress/decision changes made to the project <p>Safety</p> <ul style="list-style-type: none"> ▪ correct use of personal protective equipment (PPE) where applicable ▪ occupational safety and health (OSH) practices appropriate to tasks being undertaken in workshops <p>Skills and techniques</p> <ul style="list-style-type: none"> ▪ read and correctly interpret and/or modify plans/patterns/templates ▪ use appropriate workroom terminology ▪ select and safely apply technical skills using a range of tools and machinery that could include, but not limited to: radial arm saw/compound mitre saw/sanding machines/portable or fixed routers/biscuit cutter/portable saws/drill press ▪ use hand tools and/or machines to fabricate at least one of the following joints: widening joint/finger joint/cross-halving joint/dovetail joint/housing joint/mortise and tenon/bridle joint/biscuit joint ▪ apply multiple coats of a finish by brush, cloth and/or spray gun followed by correct clean up procedures ▪ demonstrate workshop clean up procedures
		20%	Term 1 Weeks 6-10 Term 2 Weeks 1-10	Task 4: Table	<p>Safety</p> <ul style="list-style-type: none"> ▪ correct use of personal protective equipment (PPE) where applicable ▪ occupational safety and health (OSH) practices appropriate to tasks being undertaken in workshops <p>Skills and techniques</p> <ul style="list-style-type: none"> ▪ read and correctly interpret and/or modify plans/patterns/templates ▪ use appropriate workroom terminology ▪ select and safely apply technical skills using a range of tools and machinery that could include, but not limited to: radial arm saw/compound mitre saw/sanding machines/portable or fixed routers/biscuit cutter/portable saws/drill press ▪ use hand tools and/or machines to fabricate at least one of the following joints: widening joint/finger joint/cross-halving joint/dovetail joint/housing joint/mortise and tenon/bridle joint/biscuit joint ▪ demonstrate workshop clean up procedures



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Production		20%	Term 3 Weeks 1-10	Task 5: Cabinet	<p>Production Management</p> <ul style="list-style-type: none">▪ production plan▪ use ongoing evaluation techniques: diary, journal or portfolio notes and use of photography to record ongoing progress/decision changes made to the project <p>Safety</p> <ul style="list-style-type: none">▪ correct use of personal protective equipment (PPE) where applicable▪ demonstrate occupational safety and health practices appropriate to tasks being undertaken in workshops▪ apply risk management strategies in the workshop/studio <p>Skills and techniques</p> <ul style="list-style-type: none">▪ correctly interpret and/or modify plans/patterns/templates▪ use appropriate conventions and workshop terminology▪ select appropriate materials and calculate the correct amount required for completion of project▪ calculate orders and costing for solid timbers and/or sheet materials▪ apply appropriate and accurate marking out techniques▪ select and safely apply technical skills using a range of tools and machinery▪ use hand tools and/or machines to fabricate at least one of the following joints: widening joint/finger joint/cross-halving joint/dovetail joint/housing joint/mortise and tenon/bridle joint/biscuit joint▪ demonstrate workshop clean up procedures▪ select and use appropriate adhesives▪ select and use appropriate finishes▪ apply multiple coats of a finish by spray gun, including appropriate clean-up of equipment
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Production		15%	Term 4 Weeks 1-6	<i>Task 6: Docking Station</i>	<p>Production Management</p> <ul style="list-style-type: none"> ▪ production plan ▪ use ongoing evaluation techniques: diary, journal or portfolio notes and use of photography to record ongoing progress/decision changes made to the project <p>Safety</p> <ul style="list-style-type: none"> ▪ correct use of personal protective equipment (PPE) where applicable ▪ demonstrate occupational safety and health practices appropriate to tasks being undertaken in workshops ▪ apply risk management strategies in the workshop/studio <p>Skills and techniques</p> <ul style="list-style-type: none"> ▪ correctly interpret and/or modify plans/patterns/templates ▪ use appropriate conventions and workshop terminology ▪ select appropriate materials and calculate the correct amount required for completion of project ▪ calculate orders and costing for solid timbers and/or sheet materials ▪ apply appropriate and accurate marking out techniques ▪ select and safely apply technical skills using a range of tools and machinery ▪ use hand tools and/or machines to fabricate at least one of the following joints: widening joint/finger joint/cross-halving joint/dovetail joint/housing joint/mortise and tenon/bridle joint/biscuit joint ▪ demonstrate workshop clean up procedures ▪ select and use appropriate adhesives ▪ select and use appropriate finishes ▪ apply multiple coats of a finish by spray gun, including appropriate clean-up of equipment
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Response	15%	7.5%	Term 1 Week 3 - Term 2 Week 6	Task 7: Semester 1 Response Booklet	<p><u>Environmental Impact Worksheet</u> Materials in context</p> <ul style="list-style-type: none"> ▪ identification of environmental considerations <ul style="list-style-type: none"> ▪ 3 Rs – reduce, re-use, recycle ▪ ways to reduce waste ▪ ways to re-use and recycle ▪ condition of materials recovered through different methods of recycling ▪ impact of materials production processes on the workshop and the local environment, waste management, dust, fumes, noise <p><u>OSH Worksheet</u> Safety</p> <ul style="list-style-type: none"> ▪ apply risk management strategies in the workshop/studio ▪ recognise need and purpose of MSD (materials safety data) with regard to storage and handling of hazardous substances and hazardous operations appropriate to situation ▪ conduct risk assessment for using specific tools/machinery ▪ identification of the main reasons for blades becoming blunt or breaking <p><u>Adhesives Worksheet</u> Nature and properties of materials</p> <ul style="list-style-type: none"> ▪ identification of common associated materials used with wood- adhesives <p>Skills and techniques</p> <ul style="list-style-type: none"> ▪ identify and differentiate between PVA, two pack epoxy, contact cement adhesives <p><u>Tree Structure Worksheet</u> Nature and properties of materials</p> <ul style="list-style-type: none"> ▪ origins of common softwoods and hardwoods ▪ classification of hardwoods, softwoods and manufactured boards using the characteristics of hardness, colour and workability ▪ difference between rough sawn and DAR timbers ▪ identification of common timber sizes, lengths, widths and thicknesses, sheet sizes ▪ identification of the structure and basic parts of a tree
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		7.5%	Term 2 Week 7 - Term3 Week 10	<i>Task 8: Semester 2 Response Booklet</i>	<p><u>Manufactured Boards Worksheet</u> Nature and properties of materials</p> <ul style="list-style-type: none"> ▪ origins of manufactured boards ▪ production process for manufactured boards ▪ uses of plywood and different fibreboards ▪ identification of characteristics of plywood and fibreboards ▪ the association between hardness, workability and structure <p><u>Fasteners Worksheet</u> Nature and properties of materials</p> <ul style="list-style-type: none"> ▪ identification of common associated materials used with wood- permanent and non-permanent fixings <p><u>Abrasives Worksheet</u> Nature and properties of materials</p> <ul style="list-style-type: none"> ▪ identification of common associated materials used with wood- abrasives. <p><u>Finishing Materials Worksheet</u> Skills and techniques</p> <ul style="list-style-type: none"> ▪ identification of common timber finishes ▪ differentiate between water-based, turpentine (oil) based, solvent-based and two pack epoxy finishes, including stains and waxes ▪ select and use appropriate finishes <p>Nature and properties of materials</p> <ul style="list-style-type: none"> ▪ identification of common associated materials used with wood- fillers and finishes
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PLEASE NOTE: ASSESSMENT DATES MAY CHANGE DUE TO SCHOOL COMMITMENTS AND CHANGES TO THE SCHOOL CALENDAR