

<u><b>INTRODUCTORY</b></u>	<u><b>INTERMEDIATE</b></u>	<u><b>ADVANCED</b></u>
<p><i>The student:</i></p> <p><b>Planning and Management</b></p> <ul style="list-style-type: none"> <li>• prepares self for task</li> <li>• adheres to routine procedures</li> <li>• follows basic instructions</li> <li>• uses time effectively</li> <li>• asks for help when unsure</li> </ul> <p><b>Fabrication Techniques</b> (refer to specific course)</p> <p><b>Use of Equipment and Materials</b></p> <ul style="list-style-type: none"> <li>• uses recommended tools and materials safely</li> <li>• wears the proper personal protective equipment</li> <li>• follows proper lifting, handling and storage procedures</li> <li>• calculates and measures accurately</li> <li>• fulfills given clean-up responsibilities</li> <li>• recognizes potential health and safety hazards.</li> </ul> <p><b>Teamwork</b></p> <ul style="list-style-type: none"> <li>• works cooperatively with others in structured settings</li> <li>• shares equipment and supplies</li> </ul>	<p><i>The student:</i></p> <p><b>Planning and Management</b></p> <ul style="list-style-type: none"> <li>• prepares self for task</li> <li>• organizes and works in an orderly manner</li> <li>• interprets and carries out instructions accurately</li> <li>• adheres to established timelines</li> <li>• thinks through the problem before asking for help.</li> </ul> <p><b>Fabrication Techniques</b> (refer to specific course)</p> <p><b>Use of Equipment and Materials</b></p> <ul style="list-style-type: none"> <li>• selects and uses appropriate equipment/ materials safely</li> <li>• uses proper personal protective equipment</li> <li>• observes proper lifting, handling and storage procedures</li> <li>• calculates and measures accurately</li> <li>• minimizes waste of materials</li> <li>• fulfills expected clean-up responsibilities</li> <li>• recognizes and controls potential health and safety hazards.</li> </ul> <p><b>Teamwork</b></p> <ul style="list-style-type: none"> <li>• cooperates with group members in structured and non-structured settings</li> <li>• shares equipment and work appropriately among group members</li> <li>• negotiates solutions to problems.</li> </ul>	<p><i>The student:</i></p> <p><b>Planning and Management</b></p> <ul style="list-style-type: none"> <li>• prepares for task and develops an effective work plan</li> <li>• interprets and carries out instructions accurately</li> <li>• plans and uses time in a logical manner</li> <li>• displays leadership in adhering to routine procedures</li> <li>• attempts to solve problems prior to requesting help.</li> </ul> <p><b>Fabrication Techniques</b> (refer to specific course)</p> <p><b>Use of Equipment and Materials</b></p> <ul style="list-style-type: none"> <li>• selects and uses appropriate equipment/materials in a safe and efficient manner</li> <li>• models the correct use of personal protective equipment</li> <li>• makes accurate calculations and measurements</li> <li>• models proper lifting and handling techniques</li> <li>• fulfills clean-up and maintenance responsibilities</li> <li>• identifies and corrects potential health and safety hazards.</li> </ul> <p><b>Teamwork</b></p> <ul style="list-style-type: none"> <li>• collaborates and works cooperatively with group members</li> <li>• shares responsibilities among group members</li> <li>• negotiates with sensitivity solutions to problems</li> <li>• displays effective communication skills.</li> </ul>

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<p><i>The student:</i></p> <p><b>Planning and Management</b></p> <ul style="list-style-type: none"> <li>identifies product expectations</li> <li>gathers information from sources provided</li> <li>generates more than one product idea</li> <li>selects a product with guidance</li> <li>makes modifications to pictorial and/or multi-viewed drawings as required using appropriate tools</li> <li>organizes major events from a prepared list</li> <li>completes a simple material list and cost estimate</li> </ul> <p><b>Fabrication Techniques</b> (refer to specific course and/or product specifications)</p> <p><b>Work Skills</b></p> <ul style="list-style-type: none"> <li>prepares self for task</li> <li>follows basic instructions as directed</li> <li>adheres to prescribed time lines</li> <li>works cooperatively with others in structured settings</li> <li>uses prescribed personal protective equipment</li> <li>follows proper lifting, handling and storage procedures</li> <li>fulfills given clean-up responsibilities</li> </ul> <p><b>Product Presentation</b></p> <ul style="list-style-type: none"> <li>describes the product and its use</li> <li>summarizes and reports on major events</li> <li>evaluates product planning and construction techniques</li> <li>suggests ways to improve the product</li> </ul>	<p><i>The student:</i></p> <p><b>Planning and Management</b></p> <ul style="list-style-type: none"> <li>defines product expectations</li> <li>conducts research pertaining to the selection of a product from a variety of sources</li> <li>generates and considers the suitability of a number of product ideas</li> <li>selects an appropriate solution that meet product outcomes</li> <li>produces and accurately dimensions simple pictorial and multi-viewed drawings where necessary using basic tools and software</li> <li>determines an appropriate sequence of events to fabricate a product in a safe manner</li> <li>prepares a list of materials and cost estimate</li> <li>revises work plan to accommodate changing requirements</li> <li>estimates the required time to complete a task including planning, set-up and clean-up procedures</li> </ul> <p><b>Fabrication Techniques</b> (refer to specific course and/or product specifications)</p> <p><b>Work Skills:</b></p> <ul style="list-style-type: none"> <li>prepares self for task</li> <li>follows directions with limited prompting</li> <li>adheres to established timelines</li> <li>works cooperatively with others in both structured and non-structured settings</li> <li>uses proper personal protective equipment</li> <li>observes proper lifting, handling and storage procedures</li> <li>fulfills expected clean-up responsibilities</li> </ul> <p><b>Product Presentation</b></p> <ul style="list-style-type: none"> <li>describes the purpose of the product</li> <li>summarizes and reports on major events</li> <li>evaluates the design and production techniques</li> <li>suggests ways to improve product design and production processes</li> </ul>	<p><i>The student:</i></p> <p><b>Planning and Management</b></p> <ul style="list-style-type: none"> <li>determines the product expectations by analyzing performance needs and related issues</li> <li>generates a variety of different product ideas using available resources and advice from knowledgeable sources</li> <li>selects a solution that has a high potential for success</li> <li>produces accurate pictorial and multi-viewed drawings complete with dimensions and notations using the appropriate tools and software</li> <li>analyzes drawings to determine efficient and safe event sequences</li> <li>prepares a material estimate from the working drawings</li> <li>is sensitive to a variety of feedback mechanisms and alters plans when the current approach to task is ineffective</li> <li>creates a meaningful timeline based on the complexity of the task</li> </ul> <p><b>Fabrication Techniques</b> (refer to specific course and/or product specifications)</p> <p><b>Work Skills</b></p> <ul style="list-style-type: none"> <li>prepares self for task</li> <li>accurately interprets and follows directions</li> <li>creates and adheres to detailed timelines</li> <li>works cooperatively and collaboratively with others</li> <li>uses appropriate personal protective equipment</li> <li>models proper lifting, handling and storage procedures</li> <li>fulfills clean-up and tool maintenance responsibilities</li> </ul> <p><b>Product Presentation</b></p> <ul style="list-style-type: none"> <li>describes the purpose and scope of the product</li> <li>summarizes and reports on major events</li> <li>assesses design processes and production techniques</li> <li>makes recommendations to improve product quality and productivity</li> </ul>

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<p><i>The student:</i></p> <p><b>Preparation and Planning</b></p> <ul style="list-style-type: none"> <li>• prepares self for task</li> <li>• adheres to routine procedures</li> <li>• follows basic instructions</li> <li>• asks for help when unsure</li> <li>• reads simple drawings</li> <li>• locates prescribed personal protective equipment (PPE)</li> </ul> <p><b>Use of Equipment and Materials:</b></p> <ul style="list-style-type: none"> <li>• uses the proper PPE</li> <li>• follows accepted start-up, operation and shut-down procedures</li> <li>• recognizes and reports potential health and safety hazards</li> <li>• follows proper lifting, handling and storage procedures</li> <li>• calculates and measures accurately</li> <li>• fulfills given clean-up responsibilities</li> </ul> <p><b>Task Performance: (Refer to specific module and learner expectations)</b></p>	<p><i>The student:</i></p> <p><b>Preparation and Planning</b></p> <ul style="list-style-type: none"> <li>• prepares self for task</li> <li>• organizes and works in an orderly manner</li> <li>• interprets and carries out instructions</li> <li>• thinks through problem before asking for help</li> <li>• identifies proper personal protective equipment (PPE)</li> </ul> <p><b>Use of Equipment and Materials:</b></p> <ul style="list-style-type: none"> <li>• uses PPE in an appropriate manner</li> <li>• follows accepted start-up, operation and shut-down procedures</li> <li>• identifies and reports potential health and safety hazards</li> <li>• observes proper lifting, handling and storage procedures</li> <li>• calculates and measures accurately to minimize waste</li> <li>• fulfills expected clean-up responsibilities</li> </ul> <p><b>Task Performance: (Refer to specific module and learner expectations)</b></p>	<p><i>The student:</i></p> <p><b>Preparation and Planning</b></p> <ul style="list-style-type: none"> <li>• prepares self for task</li> <li>• develops and effective work plan</li> <li>• interprets and carries out instructions accurately</li> <li>• attempts to solve problems prior to requesting help</li> <li>• determines proper personal protective equipment (PPE) and ventilation requirements</li> </ul> <p><b>Use of Equipment and Materials:</b></p> <ul style="list-style-type: none"> <li>• uses the correct PPE and engineering controls</li> <li>• follows accepted start-up, operation and shut-down procedures</li> <li>• identifies and corrects potential health and safety hazards</li> <li>• models proper lifting, handling and storage procedures</li> <li>• makes accurate calculations and measurements to meet standards</li> <li>• conserves materials and energy</li> <li>• fulfills clean-up and maintenance responsibilities</li> </ul> <p><b>Task Performance: (Refer to specific module and learner expectations)</b></p>