

## MODULE CON2170: CABINETMAKING 2 (DOOR & DRAWER)

**Level:** Intermediate

**Theme:** Manufacturing Systems (Processes and Applications)

**Prerequisite:** CON1120 Project Management

**Module Description:** Students use solid and composite materials to develop skills in building cabinet doors and drawers.

**Module Parameters:** Access to a woodworking or materials facility and to instruction from an individual with formal, specialized training in cabinetry/ carpentry.

### Curriculum and Assessment Standards

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"><li>identify and describe common methods of designing and constructing cabinet doors and drawers</li></ul>	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"><li>analysis of existing door and drawer products or drawings to determine:<ul style="list-style-type: none"><li>the structural materials</li><li>the parts of a typical door and drawer</li><li>two or more edge treatments used on a door</li><li>two or more types of joints used in a drawer construction</li><li>two or more types of hinge and slide hardware</li></ul></li></ul>	15
<ul style="list-style-type: none"><li>apply cabinetmaking skills to plan and construct door/drawer components</li></ul>	<ul style="list-style-type: none"><li>the construction of a door and drawer product or component.</li></ul> <p><i>Assessment Tool</i> <i>Project Assessment: Door and Drawer Construction, CON2170-1</i></p> <p><i>Standard</i> <i>The project should be built using the appropriate materials, joinery and finishing techniques; all joints are to be tight fitting and square; finishes are to be smooth and free from production defects. Overall dimensions should be within <math>\pm 2</math> mm</i> <i>Performance rating of 2 for each applicable task</i></p>	75



**MODULE CON2170: CABINET MAKING 2 (DOOR & DRAWER) (continued)**

Concept	Specific Learner Expectations	Notes
<p>Planning and Management</p> <ul style="list-style-type: none"> <li>• Design</li> <li>• Work Scheduling</li> </ul>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> <li>• select or modify a cabinet drawing of a drawer and built-up door</li> <li>• select the appropriate door and dresser material</li> <li>• identify an appropriate door guiding system</li> <li>• create a material and procedural list.</li> </ul>	<p>Discuss the different quality levels of door and drawer construction and hardware.</p>
<p>Implementation</p> <ul style="list-style-type: none"> <li>• Material Processing</li> </ul>	<ul style="list-style-type: none"> <li>• use the appropriate tools, materials and processes to:               <ul style="list-style-type: none"> <li>– measure and lay out materials</li> <li>– machine surfaces and joints</li> <li>– assemble, glue, fasten and clamp</li> <li>– prepare for finishing.</li> </ul> </li> </ul>	<p>Finishing may be completed in CON2150: Finishing &amp; Refinishing.</p>
<p>Assessment</p> <ul style="list-style-type: none"> <li>• Career Information</li> <li>• Career Preparation</li> </ul>	<ul style="list-style-type: none"> <li>• identify specific employment and further training opportunities related to custom and factory-made cabinets</li> <li>• maintain a profile of completed activities within a portfolio.</li> </ul>	

