

MODULE CON2160: CABINETMAKING 1 (WEB & FACE FRAME)

Level: Intermediate

Theme: Manufacturing Systems (Processes and Applications)

Prerequisite: CON1120 Project Management

Module Description: Students apply web and face frame construction techniques, and use solid and/or manufactured materials to produce a built-in or modular cabinet.

Module Parameters: Access to a woodworking or materials facility and to instruction from an individual with 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">• identify and describe the design features and processes used to construct a web and face frame product	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none">• analysis of a typical web and face frame product or drawing that correctly identifies and describes the types of:<ul style="list-style-type: none">– materials and finishes– joints and methods of fastening to a box structure– potential weaknesses and points of wear <p style="text-align: center;"><i>and</i></p> <ul style="list-style-type: none">• demonstration of appropriate estimating and event scheduling skills. <p><i>Assessment Tool</i> <i>Project Assessment: Web and Face Frame Construction, CON2160-1</i></p> <p><i>Standard</i> <i>Materials list is accurately determined using a working drawing, events are identified and scheduled in a safe and logical sequence of operations</i> <i>Performance rating of 2 for each applicable task</i></p>	<p>10</p> <p>15</p>

MODULE CON2160: CABINETMAKING 1 (WEB & FACE FRAME) (continued)

Concept	Specific Learner Expectations	Notes
<p>Planning and Management</p> <ul style="list-style-type: none"> • Design • Work Scheduling 	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • select or modify a cabinet drawing that uses web and face frame construction • create a work schedule • prepare a material cutting list. 	
<p>Implementation</p> <ul style="list-style-type: none"> • Material Processing 	<ul style="list-style-type: none"> • use the appropriate tools, materials and processes to: <ul style="list-style-type: none"> – measure and lay out materials – rough-out materials – machine joints and surfaces – assemble, glue, fasten and clamp – fill, scrape and sand. 	
<p>Assessment</p> <ul style="list-style-type: none"> • Career Information • Career Preparation 	<ul style="list-style-type: none"> • analyze and compare the differences between a production cabinetmaker and custom cabinetmaker • maintain a record of completed activities within a portfolio. 	

