

MODULE CON3170: CABINETMAKING 4 (LAYOUT & INSTALLATION)**Level:** Advanced**Theme:** Manufacturing Systems (Processes and Applications)**Prerequisite:** CON1120 Project Management**Module Description:** Students develop a floor/wall cabinet plan and order and install a set of prebuilt cabinets.**Module Parameters:** Access to a building site and/or construction facility and to instruction from an individual with formal, specialized training in carpentry/cabinetry.**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"> design a room layout and prepare a cabinet schedule 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> the development of a scale drawing in plan view, accompanied by preliminary sketches and a complete cabinet schedule. <p><i>Assessment Tool</i> <i>Assessment Framework: Activity Assessment, CONACT</i></p> <p><i>Standard</i> <i>The layout should conform to the principles of the work triangle and meet current standards for depth, height and distances between upper and lower cabinets and allowances for appliances. The cabinet schedule should be fully detailed and contain accurate measurements. A master layout or story pole should accompany the drawing</i> <i>Performance rating of 3 for each applicable task</i></p>	20
<ul style="list-style-type: none"> lay out and install a set of cabinets and countertops 	<ul style="list-style-type: none"> the installation of a set of cabinets and countertop is in a mock-up or actual job site situation. <p><i>Assessment Tool</i> <i>Assessment Framework: Activity Assessment, CONACT</i></p> <p><i>Standard</i> <i>Components are positioned according to the layout drawing, levelled and securely fastened. Components, fillers and countertops are scribe fit where needed. Doors and drawers are aligned and tested</i> <i>Performance rating of 3 for each applicable task</i></p>	65

MODULE CON3170: CABINETMAKING 4 (LAYOUT & INSTALLATION) (continued)

Concept	Specific Learner Expectations	Notes
<p>Planning and Management</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • use a set of drawings and specifications to determine the size, location and type of modular units • prepare a story pole or master layout on plywood or cardboard for a specified section of a cabinet installation • check and note irregularities in walls and floors • identify cabinet modifications owing to irregularities and service outlets. 	<p>Use a CAD system if possible.</p>
<p>Implementation</p>	<ul style="list-style-type: none"> • use the appropriate tools, materials and processes to: <ul style="list-style-type: none"> – locate and level units – assemble and install units – install countertops – apply fillers and moldings – adjust fit of doors and drawers. 	<p>Besides a regular kitchen, consider a child's play kitchen as a possible project.</p>
<p>Assessment</p> <ul style="list-style-type: none"> • Career Information • Career Preparation 	<ul style="list-style-type: none"> • identify employment opportunities related to: <ul style="list-style-type: none"> – kitchen and bathroom design – cabinet manufacturing – installing cabinets • describe personal interests and abilities related to making realistic career choices • maintain a record of completed activities within a portfolio. 	

