

COURSE CON2060: EXTERIOR FINISHING (DOOR, WINDOW & SIDING)**Level:** Intermediate**Theme:** Building Systems (Processes and Applications)**Prerequisite:** CON1010 Basic Tools & Materials**Description:** Students apply and develop basic knowledge of door, window and siding systems and installation skills and procedures.**Parameters:** Access to a building site and/or construction facility and to instruction from an individual with specialized training in carpentry.**Supporting Course:** CON1070 Building Construction**Curriculum and Assessment Standards**

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> identify and describe common types of exterior doors, windows and siding materials 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> a written or oral presentation that correctly identifies at least three different exterior doors, exterior window types and siding materials. <p><i>Assessment Tool</i> <i>Presentations/Reports: Window/Door and Siding Materials, CON2060-1</i></p> <p><i>Standard</i> <i>Performance rating of 2 for each applicable task</i></p>	10
<ul style="list-style-type: none"> read and interpret the appropriate drawings and specifications to create a door and window schedule and siding estimate 	<ul style="list-style-type: none"> development of an accurate exterior door and window schedule and description of materials and quantities of siding required in a given set of plans. <p><i>Assessment Tool</i> <i>Assessment Framework: Activity Assessment, CONACT</i></p> <p><i>Standard</i> <i>Estimate includes all allowances for wall openings, over-run and waste requirements</i> <i>Performance rating of 2 for each applicable task</i></p>	20

COURSE CON2060: EXTERIOR FINISHING (DOOR, WINDOW & SIDING) (continued)

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • apply finishing skills to install a prehung door, a window unit and siding materials • demonstrate basic competencies. 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> • demonstration of door, window and siding systems skills. <p><i>Assessment Tool</i> <i>Assessment Framework: Activity Assessment, CONACT</i></p> <p><i>Standard</i> <i>Doors, windows and siding systems are installed in keeping with accepted trade practice and manufacturers' recommendations</i> <i>Performance rating of 2 for each applicable task</i></p> <ul style="list-style-type: none"> • observations of individual effort and interpersonal interaction during the learning process. <p><i>Assessment Tool</i> <i>Basic Competencies Reference Guide and any assessment tools noted above</i></p>	<p>70</p> <p>Integrated throughout</p>

Concept	Specific Outcomes	Notes
<p>Orientation</p> <ul style="list-style-type: none"> • Doors and Windows • Siding Components 	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • list and describe common types of exterior doors and windows • identify methods of sizing windows and exterior doors • describe the procedures used to install an exterior door and window • list and describe the components used in conjunction with the installation of vinyl and aluminum siding • describe the purpose and use of building papers and other house wrap materials. 	<p>Explain the advantages and disadvantages of each style of door or window.</p> <p>Stress the importance of making provisions for the siding to expand and contract during heating and cooling.</p>

MODULE CON2060: EXTERIOR FINISHING (DOOR, WINDOW & SIDING) (continued)

Concept	Specific Learner Expectations	Notes
<p>Planning and Management</p> <ul style="list-style-type: none"> • Ordering and Estimating 	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • use elevation drawings and specifications to develop a door and window schedule • use an elevation drawing to identify the types of siding and cornice materials and estimated amounts. 	<p>Discuss methods used to estimate siding materials.</p>
<p>Implementation</p> <ul style="list-style-type: none"> • Windows and Doors • Exterior Finishes • Health and Safety 	<ul style="list-style-type: none"> • use the appropriate tools and processes to: <ul style="list-style-type: none"> – level, plumb, seal and fasten a prefabricated door and window unit – install exterior finishes – check and secure all scaffolding – observe proper handling and lifting procedures – use appropriate eye and ear protection. 	<p>Refer to building code regulations.</p>
<p>Assessment</p> <ul style="list-style-type: none"> • Career Information • Career Preparation 	<ul style="list-style-type: none"> • identify employment and entrepreneurial opportunities associated with the supply and installation of windows, doors and exterior finishes • maintain a record of completed activities within a portfolio. 	

