

COURSE CON3030: WALL & CEILING FINISHING**Level:** Advanced**Theme:** Building Systems (Processes and Applications)**Prerequisite:** CON1010 Basic Tools & Materials**Description:** Students develop basic knowledge and skills to insulate, install and finish an interior wall/ceiling surface.**Parameters:** Access to a building site and/or construction facility and to instruction from an individual with specialized training in carpentry.**Supporting Courses:** CON1070 Building Construction
CON2040 Framing Systems 1 (Floor & Wall)**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"> describe the procedures related to the installation of insulation and vapour barrier to an exterior wall and ceiling identify and describe the health hazards and safety precautions associated with the use of insulating, drywalling and finishing materials | <p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> a written response that correctly describes the procedures employed in the selection and installation of insulation, vapour barrier and wall/ceiling boards the identification of health and safety issues related to the handling and use of insulation and wallboard materials. <p><i>Assessment Tool</i> <i>Response Assessment: Insulating and Drywalling, CON3030-1</i></p> <p><i>Standard</i> <i>Response rating of 3</i></p> | 25 |
| <ul style="list-style-type: none"> prepare, apply and finish a wall and ceiling surface | <ul style="list-style-type: none"> demonstration of appropriate skills and techniques in the application of a wall/ceiling treatment given an on-site or mock-up project. <p><i>Assessment Tool</i> <i>Activity Assessment: Installing and Finishing Drywall, CON3030-2</i></p> <p><i>Standard</i> <i>Materials have been selected and installed in keeping with the specifications, accepted trade practice and local code requirements.</i> <i>Surfaces are finished smooth and free of voids</i> <i>Performance rating of 3 for each applicable task</i></p> | 75 |

COURSE CON3030: WALL & CEILING FINISHING (continued)

| General Outcomes | Assessment Criteria and Conditions | Suggested Emphasis |
|---|--|------------------------------|
| <p><i>The student will:</i></p> <ul style="list-style-type: none"> demonstrate basic competencies. | <p><i>Assessment of student achievement should be based on:</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>Integrated throughout</p> |

| Concept | Specific Outcomes | Notes |
|--|---|--|
| <p>Orientation</p> <ul style="list-style-type: none"> Materials <ul style="list-style-type: none"> Material Application | <p><i>The student should:</i></p> <ul style="list-style-type: none"> list and describe the types of wall and ceiling insulation and soundproofing materials describe the different types of drywall and conditions of use identify the building codes that relate to the installation of insulation, vapour barrier and drywall identify and describe the different types of tapes, corner beads, adhesives and fastening devices used with gypsum board describe methods of cutting, attaching, taping, filling, sanding and texturing a gypsum board describe methods of making repairs to small and large holes in a drywall surface identify the materials used to paint and decorate a wall surface research common methods used to apply paint to a surface; e.g., <ul style="list-style-type: none"> brush roller spray. | <p>Not only does insulation reduce heat loss, it also can retard the spread of sound and fire.</p> <p>Avoid fillers that contain asbestos and paints that contain lead.</p> |

MODULE CON3030: WALL & CEILING FINISHING (continued)

| Concept | Specific Learner Expectations | Notes |
|--|--|--|
| <p>Planning and Management</p> <ul style="list-style-type: none"> • Estimating • Pre-installation Processes • Health and Safety | <p><i>The student should:</i></p> <ul style="list-style-type: none"> • estimate the amount and type of drywall, insulation, vapour barrier, paint and decorating supplies required to install and finish a wall or ceiling surface • check alignment of studs and identify starting points • mark stud locations on floor and ceiling • install metal protectors for wiring and plumbing where necessary • identify and locate appropriate personal protective equipment. | <p>Students should be aware of the regulations regarding the transportation of dangerous goods and the use of hazardous materials.</p> <p>Refer to Materials Safety Data Sheets (MSDS) when using hazardous finishing and decorating supplies.</p> |
| <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"> – install insulation, vapour barrier and gypsum board – tape, fill, sand, texture, paint as required – repair a gypsum board surface – seal, paint and/or apply a wall covering. | <p>If on-site work is unavailable, consider using a mock-up project.</p> <p>Stress the importance of using the proper personal protective equipment.</p> |
| <p>Assessment</p> <ul style="list-style-type: none"> • Career Information • Career Preparation | <ul style="list-style-type: none"> • describe the working conditions and skills required of a drywall mechanic and/or painter/ decorator • maintain a record of completed activities within a portfolio. | |

