## Material ID#: 19845

|   | Course# - C   | Material ID#: 19845<br>ourse Title: 8722010 - | Carpentry 1  |   |   |
|---|---|---|--|---|---|
| Strand Standard or Performance Skill  Strand 1. Students will portionate in personal and load orghin development act  | Curriculum  | Module ID #                                   | Module   | Section #, Page # or Asset where covere                         | ed Direct Link to Asset (if applicable) |
| Strand 1: Students will participate in personal and leadership development act  Student will use communication skills to effectively communicate with others  Understand when it is appropriate to listen and to speak  | Core  Core  | 107   | Basic Communication Skills Basic Communication Skills  | 1.1.0<br>1.1.0  |   |
| Understand and follow verbal and written instructions for classroom and laboratory activities  Student will effectively use teamwork to respectfully work with others   | <u>Core</u><br><u>Core</u>  | 107<br>108                                    | Basic Communication Skills Basic Employability Skills  | 2.0.0<br>3.2.1  |   |
| Identify and understand different roles in working with a team Student will use critical thingking and problem-solving skills   | <u>Core</u><br><u>Core</u>  | 108<br>108                                    | Basic Employability Skills Basic Employability Skills  | 3.2.1<br>2.2.0  |   |
| Analyze the cause of the problem  Develop a solution to address the problem   | Core<br>Core  | 108<br>108                                    | Basic Employability Skills Basic Employability Skills  | 2.2.1   |   |
| Implement the plan  Evaluate the effectiveness of the plan  Student will be dependable, reliable, steady, trustworthy, and consistent in performance and behavior   | <u>Core</u><br><u>Core</u>  | 108<br>108<br>108                             | Basic Employability Skills Basic Employability Skills Basic Employability Skills                   | 2.2.4<br>2.2.5<br>3.0.0   |   |
| Set and meet goals on attendance and punctuality Prioritize, plan, and manage work to complete assignments and projects on time   | Core<br>Core  | 108<br>108                                    | Basic Employability Skills Basic Employability Skills  | 3.1.3<br>2.3.0  |   |
| Student will be accountable for results  *Use an achievement chart for activities and behaviors in class that encourages a personal evaluation of classroom performance  *File a regular written report on progress toward completion of assignments and projects   | <u>Core</u><br><u>Core</u>  | 108<br>108                                    | Basic Employability Skills Basic Employability Skills Basic Employability Skills                   | 2.2.5<br>3.5.1<br>3.5.1   |   |
| Be familiar with the legal requirements and expectations of the course  *Be familiar with the course disclosure statement and all requirements for successful completion of the course  | 5010  | 200   |  | 3.5.1   |   |
| *Demonstrate workplace ethics, e.g., fair, honest, disciplined  Strand 2: Students will partice  Student will demonstrate employability skills  | icipate in work-place readiness activities  | 100   | Basic Employability Skills   |   |   |
| *Use a career search network to find career choices  *Write a resume including a list of demonstrated skills  | Core<br>Core  | 100<br>107                                    | Build Your Future in Construction  Basic Communication Skills                                      | 3.2.0<br>2.0.0  |   |
| *Write a letter of application  *Complete a job application  *Participate in an actual or simulated job intensions  | Core<br>Core  | 107<br>107                                    | Basic Communication Skills Basic Communication Skills  | 2.0.0   |   |
| *Participate in an actual or simulated job interview  Student will participate in a work-based learning experience outside the classroom  *Student will plan and implement a work-based learning experience aligned with their career goal  | <u>Core</u>   | 107   | Basic Communication Skills   | 1.3.0   |   |
| Identify the hand and power tools commonly used by carpenters and describe their uses   | demonstrate the safe use of hand and power tools  Core                                  | 00103 and 00104                               | Introduction to Hand Tools, Introduction   |   |   |
| *Hammer, screwdrivers, pliers, chisels, levels, squares, clamps, saws *Circular saw, table saw, power miter saws, reciprocating saws, portable sanders, portable drill and screwguns, pneumatic/cordless nailers and staplers, power-actu Use hand tools in a safe and appropriate manner   | uated fastening tools  Core  Core   | 103<br>104<br>103                             | Introduction to Hand Tools Introduction to Power Tools Introduction to Hand Tools                  | 1.1.0, 1.2.0, 1.3.0, 3.1.0, 3.2.0<br>2.1.0, 2.4.0, 2.5.0, 4.0.0 |   |
| *Follow all safety precautions in the manufacturer's instruction manual  *Always wear safety glasses and other appropriate safety equipment when working with hand and power tools  | Core  | 101   | Basic Safety   | 5.1.2   |   |
| State the general safety rules for operating all power tools, regardless of type  State the general safety rules for properly maintaining all power tools, regardless of type  Identify the portable power tools commonly used by carpernters and describe the appropriate and safe manner of using them  | Core  | 104   | Introduction to Power Tools  | Full module   |   |
| Performance Skills Understand and demonstrate the safe use of hand and power tools  | <u>Core</u>   | 00103 and 00104                               | Introduction to Power Tools  Introduction to Hand Tools, Introduction                              |   |   |
| *identify the hand and power tools commonly used by carpenters and describe their uses  *Use hand tools in a safe and appropriate manner  | <u>Core</u><br><u>Core</u>  | 00103 and 00104<br>103                        | Introduction to Hand Tools, Introduction to Hand Tools   | ion to Performance Tasks Performance Tasks                      |   |
| *State the general safety rules for operating all power tools, regardless of type  *State the general safety rules for properly maintaining all power tools, regardless of type  *Identify the portable power tools commonly used by carpenters and describe the appropriate and safe manner of using them  |   |   |  |   |   |
| Strand 4: Students will understand and demonstrat Identify various types of imperfections that are found in lumber  | te the use of wood building materials, fasteners, an<br>General Carpentry               | d adhesives                                   | Building Materials and Fasteners   | 2.1.7   |   |
| *Holes, knots, pitch, decay Interpret grade markings on lumber and plywood *grade designation-grade name, number, or abbreviation   | General Carpentry General Carpentry General Carpentry                                   | <u>27102</u><br><u>27102</u><br>27102         | Building Materials and Fasteners Building Materials and Fasteners Building Materials and Fasteners | 2.2.1<br>2.1.5<br>2.1.5   |   |
| *species indentification-indicates species individually or in combination  *condition of seasoning at the time of surfacing   | General Carpentry  General Carpentry  | <u>27102</u><br><u>27102</u>                  | Building Materials and Fasteners  Building Materials and Fasteners                                 | 2.1.3   |   |
| Identify the uses of pressure-treated lumber *landscape timbers, sill plates, foundations, decks, porches   | General Carpentry   | 27102   | Building Materials and Fasteners   | 2.2.0   |   |
| Identify the safety precautions associated with pressure-treated lumber  *when cutting pressure-treated lumber, always wear eye protection and dust mask  *wash any skin that is exposed while cutting or handling the lumber   | General Carpentry General Carpentry General Carpentry                                   | 27102<br>27102<br>27102                       | Building Materials and Fasteners Building Materials and Fasteners Building Materials and Fasteners | 1.1.3<br>1.1.3<br>1.1.3   |   |
| *wash clothing that is exposed to sawdust separately from other clothing *Do not burn pressure-treated lumber as the ash poses a health hazard  | General Carpentry  General Carpentry  | 27102<br>27102                                | Building Materials and Fasteners Building Materials and Fasteners                                  | 1.1.3.<br>1.1.3   |   |
| *be sure to read and follow the manufacturer's safety instruction  Describe the proper method of caring for lumber and wood building materials at the job stie  State the uses of various types of engineered lumber  | General Carpentry General Carpentry General Carpentry                                   | 27102<br>27102<br>27102                       | Building Materials and Fasteners Building Materials and Fasteners Building Materials and Fasteners | 1.1.3<br>1.1.3<br>2.3.0   |   |
| *headers, floor joists Identify the different types of anchors and their uses   | General Carpentry General Carpentry   | 27102<br>27102                                | Building Materials and Fasteners Building Materials and Fasteners                                  | 2.3.0<br>4.0.0  |   |
| *anchor bolts, expansion bolts, earthquake straps, allow something to be securely fastened to masonry or drywall  List the basic nail and staple types and their uses  *nails: common and finish  | General Carpentry General Carpentry General Carpentry                                   | 27102<br>27102<br>27102                       | Building Materials and Fasteners Building Materials and Fasteners Building Materials and Fasteners | 4.0.0<br>4.1.1<br>4.1.1   |   |
| *chisel staples  Describe the common types of adhesives used in construction work and explain their uses  | General Carpentry General Carpentry   | 27102<br>27102                                | Building Materials and Fasteners Building Materials and Fasteners                                  | 4.1.3<br>4.3.0  |   |
| *construction adhesives  *drywall adhesives  *contact cement  | General Carpentry General Carpentry General Carpentry                                   | 27102<br>27102<br>27102                       | Building Materials and Fasteners Building Materials and Fasteners Building Materials and Fasteners | 4.3.2<br>4.3.0<br>4.3.0   |   |
| Performance Skills Understand and demonstrate the use of wood building materials, fasteners, and adhesives  | General Carpentry   | 27102   | Building Materials and Fasteners   | 4.0.0   |   |
| *identify various types of imperfections that are found in lumber  *interpret grade markings on lumber and plywood  *Identify the ways of grade was treated by the control of the control | General Carpentry  General Carpentry  | 27102<br>27102                                | Building Materials and Fasteners Building Materials and Fasteners                                  | 2.1.3 2.1.5   |   |
| *Identify the uses of pressure-treated lumber  * Identify the safety precautions associated with pressure-treated lumber.  *Describe the proper method of caring for lumber and wood building materials at the job site   | General Carpentry General Carpentry General Carpentry                                   | 27102<br>27102<br>27102                       | Building Materials and Fasteners Building Materials and Fasteners Building Materials and Fasteners | 2.2.0<br>1.1.3<br>3.1.4   |   |
| *State the uses of various types of engineered lumber  *List the basic nail and staple types and their uses   | General Carpentry General Carpentry   | 27102<br>27102                                | Building Materials and Fasteners Building Materials and Fasteners                                  | 2.3.0<br>4.1.1  |   |
| *Identify the different types of anchors and their uses.  *Describe the common types of adhesives used in construction work and explain their uses  Strong 4. Students will understand and dome   | General Carpentry General Carpentry nonstrate the uses of concrete and reinforcing mate | 27102<br>27102                                | Building Materials and Fasteners Building Materials and Fasteners                                  | 4.0.0 4.3.0   |   |
| Perform volume quantities and estimates for concrete quantity requirements  *Calculate cubic yards  | General Carpentry   |   | 27102 Building Materials and Fasteners   | 2.6.2   |   |
| Identify types and sizes of concrete reinforcement bars and describe their uses *Rebar  |   |   |  |   |   |
| *Wire mesh Recognize four kinds of footings *Continuous or spread   |   |   |  |   |   |
| *Stepped *Pier  |   |   |  |   |   |
| *Spot Recognize types of concrete pours that require the construction of edge forms   |   |   |  |   |   |
| *Slabs with or without a foundation  *Driveways  *Sidewalks   |   |   |  |   |   |
| *Approaches Identify the parts of edge forms and explain their purpose.   |   |   |  |   |   |
| Explain the purpose of a screed and identify the different types of screeds  Demonstrate the ability to set screeds on grade.   |   |   |  |   |   |
| Identify the various types of concrete forms. Identify the components of each type of form Explain the safety procedures associated with using concrete forms   |   |   |  |   |   |
| Explain the safety procedures associated with using concrete forms  Erect, plumb, and brace selected concrete forms, including:  *Basic wall form with walers and strongbacks   |   |   |  |   |   |
| *Ganged wall form *Radius wall form   |   |   |  |   |   |
| *Column form  *Stair form  Performance Skills   |   |   |  |   |   |
| Understand and demonstrate the uses of concrete and reinforcing materials  *Perform volume quantities and estimates for concrete quantity requirements  |   |   |  |   |   |
| *Identify types and sizes of concrete reinforcement bars and describe their uses *Recognize four kinds of footings.   |   |   |  |   |   |
| *Recognize types of concrete pours that require the construction of edge forms.  *Identify the parts of edge forms and explain their purpose.  *Explain the purpose of a screed and identify the different types of screeds.  |   |   |  |   |   |
| *Explain the purpose of a screed and identify the different types of screeds *Demonstrate the ability to set screeds on grade * Identify the various types of concrete forms  |   |   |  |   |   |
| *Identify the components of each type of form  *Explain the safety procedures associated with using concrete forms  |   |   |  |   |   |
| *Erect, plumb, and brace selected concrete forms  STRAND 6 Students will understand and demonstrate   |   |   | 2740F Flace Cont   | 100   |   |
| Read and understand drawings and specifications to determine floor system requirements.<br>Identify floor and sill framing and support members  | General Carpentry<br>General Carpentry  |   | 27105 Floor Systems<br>27105 Floor Systems   | 1.0.0<br>3.0.0  |   |

| 1.0.0 ms 3.0.0 ms 3.1.1 ms 3.3.0 ms 3.5.0 ms 3.4.0 ms 4.1.7 ms 4.1.0 ms 4.1.0 ms 4.1.0 ms 3.4.3 m Components 1.0.0  |
|---|
| ams     3.0.0       ams     3.1.1       ams     3.3.0       ams     3.5.0       ams     3.4.0       ams     4.1.7       ams     4.1.0       ams     4.1.0       ams     3.4.3 |
| ams     3.0.0       ams     3.1.1       ams     3.3.0       ams     3.5.0       ams     3.4.0       ams     4.1.7       ams     4.1.0       ams     4.1.0       ams     3.4.3 |
| ams     3.0.0       ams     3.1.1       ams     3.3.0       ams     3.5.0       ams     3.4.0       ams     4.1.7       ams     4.1.0       ams     4.1.0       ams     3.4.3 |
| ems     3.1.1       ems     3.3.0       ems     3.5.0       ems     3.4.0       ems     4.1.7       ems     4.1.0       ems     3.4.3   |
| ems     3.3.0       ems     3.5.0       ems     3.4.0       ems     4.1.7       ems     4.1.0       ems     3.4.3   |
| ems 3.5.0 ems 3.4.0 ems 4.1.7 ems 4.1.0 ems 4.1.0 ems 3.4.3   |
| ems 3.4.0 ems 4.1.7 ems 4.1.0 ems 3.4.3   |
| ems 4.1.7<br>ems 4.1.0<br>ems 4.1.0<br>ems 3.4.3  |
| ems 4.1.0<br>ems 4.1.0<br>ems 3.4.3   |
| ems 4.1.0<br>ems 3.4.3  |
| ems 3.4.3   |
|   |
| n Components 1.0.0  |
|   |
| m Components 2.0.0  |
| m Components 3.2.3  |
| m Components 3.2.0  |
| ing 2.2.0   |
| ing 4.0.0   |
| ing 5.0.0   |
| ing 3.0.0   |
| ing 4.2.1   |
| ing 5.1.0   |
| ing 2.0.0   |
| Layout 1.1.0  |
| ing 1.0.0   |
| ems 1.0.0   |
| ems 3.0.0   |
| ems 3.1.1   |
| ems 3.3.0   |
| ems 3.5.0   |
| ems 3.4.0   |
| ems 4.1.7   |
| ems 4.1.0   |
| ms 1.0.0  |
| ms 2.1.0  |
| ms 3.2.3  |
|   |

| Layout, assemble, erect, and brace exterior walls for a frame building   | General Carpentry  | 27111 Wall Systems  | 3.0.0                 |
|--|--|---|-----------------------|
| Understand the terms associated with roof framing  | General Carpentry General Carpentry  | 27112 Roof Framing 27112 Roof Framing                           | 2.0.0<br>2.0.0        |
| Identify the roof framing members used in gable and hip roofs<br>Identify the various types of trusses used in roof framing  | General Carpentry  General Carpentry   | 27112 Roof Framing 27112 Roof Framing                           | 5.1.0                 |
| Use the rafter framing square, speed square, and calculator in laying out a roof   | General Carpentry  | 27112 Roof Framing  | 4.1.0                 |
| Identify various types of sheathing used in roof construction  Erect a gable roof using trusses  | General Carpentry General Carpentry  | 27112 Roof Framing 27112 Roof Framing                           | 4.2.1<br>5.0.0        |
| Understand the use and installation of roofing members   | General Carpentry  General Carpentry   | 27112 Roof Framing 27112 Roof Framing                           | 5.1.0                 |
| Understand the members and installation of stairs  STRAND 7 Students will understand and demonstrate the installation  | General Carpentry  | 27110 Basic Stair Layout  | 1.0.0                 |
| dentify various types of fixed, sliding, and swinging windows  | General Carpentry  | 27109 Building Envelope Systems                                 | 2.1.0                 |
| dentify the steps of a window installation   | General Carpentry  | 27109 Building Envelope Systems                                 | 2.1.6                 |
| Ensure that the window is closed Removing shipping blocks  | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 2.1.6<br>2.1.6        |
| Install window in rough opening  | General Carpentry  | 27109 Building Envelope Systems                                 | 2.1.6                 |
| Shim as necessary Check sill for level   | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 2.1.6<br>2.1.6        |
| Check sill for level  Plumb the side jambs   | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 2.1.6<br>2.1.6        |
| Recheck for level and plumb  | General Carpentry  | 27109 Building Envelope Systems                                 | 2.1.6                 |
| Nail Install insulation  | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 2.1.6<br>2.1.6        |
| nstall a window.   | General Carpentry  | 27109 Building Envelope Systems                                 | 2.1.6                 |
| dentify the common types of exterior doors   | General Carpentry  | 27109 Building Envelope Systems                                 | 3.1.0                 |
| Garage<br>Entry  | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 3.1.2<br>3.1.1        |
| dentify the threshold  | General Carpentry  | 27109 Building Envelope Systems                                 | 3.1.5                 |
| nstall a pre-hung exterior door with weather-stripping   | General Carpentry  | 27109 Building Envelope Systems                                 | 3.1.1                 |
| dentify the various types of locksets used on exterior doors and explain how they are installed.<br>Install a lockset.   | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 3.0.0<br>3.0.0        |
| erformance Skills  |  |   |                       |
| Inderstand and demonstrate installation of windows and exterior doors  Identify various types of fixed, sliding, and swinging windows  | General Carpentry  | 27109 Building Envelope Systems                                 | 2.1.6, 3.1.3<br>2.1.2 |
| Identify various types of fixed, sliding, and swinging windows.<br>Identify the steps of a window installation   | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 2.1.2<br>2.1.6        |
| Install a window   | General Carpentry  | 27109 Building Envelope Systems                                 | 2.1.6                 |
| Identify the common types of exterior doors Identify the threshold   | General Carpentry General Carpentry  | 27109 Building Envelope Systems 27109 Building Envelope Systems | 3.0.0<br>3.1.5        |
| Install a pre-hung exterior door with weather-stripping  | General Carpentry  General Carpentry   | 27109 Building Envelope Systems 27109 Building Envelope Systems | 3.1.5                 |
| Identify the various types of locksets used on exterior doors and explain how they are installed   | General Carpentry  | 27109 Building Envelope Systems                                 | 3.0.0                 |
| Install a lockset  STRAND 8 Students will understand and demonstrate the ins   | General Carpentry  | 27109 Building Envelope Systems                                 | 3.0.0                 |
| dentify roofing terms and correct installation methods.  | General Carpentry  | 27112 Roof Framing  | 2.0.0                 |
| Square   | General Carpentry  | 27112 Roof Framing  | 2.2.0                 |
| Coverage Exposure  | General Carpentry General Carpentry  | 27112 Roof Framing 27112 Roof Framing                           | 2.2.0<br>2.2.0        |
| Exposure<br>Rake   | General Carpentry General Carpentry  | 27112 Roof Framing 27112 Roof Framing                           | 2.2.0                 |
| Underlayment   | General Carpentry  | 27112 Roof Framing  | 2.2.0                 |
| Flashing Weather guard   | General Carpentry  | 27112 Roof Framing  | 2.2.0                 |
| Weather guard Vents  | General Carpentry General Carpentry  | 27112 Roof Framing 27112 Roof Framing                           | 2.2.0<br>2.2.0        |
| Gutters  |  | -   |                       |
| dentify different roofing materials  Asphalt – standard and metric   | General Carpentry  | 27112 Roof Framing  | 2.2.0                 |
| Asphalt – standard and metric  Cedar   | General Carpentry General Carpentry  | 27112 Roof Framing 27112 Roof Framing                           | 2.2.0<br>2.2.0        |
| Tile   | General Carpentry  | 27112 Roof Framing  | 2.2.0                 |
| Metal Performance Skills   | General Carpentry  | 27112 Roof Framing  | 2.2.0                 |
| CHOHIDAILE JAIIIS  |  |   |                       |
| Identify roofing terms and correct installation methods  | General Carpentry  | 27112 Roof Framing  | 2.2.0                 |
|  | General Carpentry  | 27112 Roof Framing 27112 Roof Framing                           | 2.2.0 2.2.0           |
| Identify roofing terms and correct installation methods Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation Flexible – fiberglass blankets Loose fill - blown Rigid – sheet or board form Reflective – aluminum foil bonded xplain terms related to insulation R-value Vapor barrier erformance Skills Inderstand and demonstrate installation of insulation materials.  | General Carpentry  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation  Flexible – fiberglass blankets  Loose fill - blown  Rigid – sheet or board form  Reflective – aluminum foil bonded  xplain terms related to insulation  R-value  Vapor barrier  erformance Skills   | General Carpentry  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation Flexible – fiberglass blankets Loose fill - blown Rigid – sheet or board form Reflective – aluminum foil bonded xplain terms related to insulation R-value Vapor barrier erformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation. Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate dryw  | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation of installation Flexible — fiberglass blankets Loose fill – blown Rigid — sheet or board form Reflective — aluminum foil bonded xplain terms related to insulation R-value Vapor barrier  erformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation. Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate dryw dentify the different types of gypsum wallboard (drywall) and their uses. elect the type of thickness of drywall required for specific installations. elect the type of thickness of drywall required for specific installations. Nails   | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  Identify the types of installation Flexible – fiberglass blankets Loose fill - blown Reflective – aluminum foil bonded xplain terms related to insulation Revalue Vapor barrier erformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation Explain terms related to insulation of insulation materials. Identify the types of installation. Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate day Bentify the different types of gypsum wallboard (drywall) and their uses. elect the type of thickness of drywall required for specific installations. elect fasteners for drywall installation. Nails Drywall Screws Adhesives xplain the fastener schedules for different types of drywall installations. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation Flexible — fiberglass blankets Loose fill – blown Reflective — aluminum foil bonded xyplain terms related to insulation Reflective — aluminum foil bonded xyplain terms related to insulation Revalue Vapor barrier  reformance Skills Identify the types of installation of insulation materials. Identify the types of installation of insulation materials. Identify the types of installation. Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate dryw Inderstand and demonstrate installation.  STRAND 10 Students will understand and demonstrate dryw Inderstand in the fasteners for drywall installation.  SIRAND 10 Students will understand and demonstrate dryw Inderstand in the fasteners for drywall installation.  SIRAND 10 Students will understand and demonstrate dryw Inderstand in the fasteners for drywall installation.  SIRAND 10 Students will understand and demonstrate dryw Inderstand in the fasteners for drywall installation.  SIRAND 10 Students will understand and demonstrate dryw Inderstand and demonstrate dr | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  Identify the types of installation Flexible – fiberglass blankets Loose fill - blown Reflective – aluminum foil bonded xplain terms related to insulation Revalue Vapor barrier erformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation Explain terms related to insulation of insulation materials. Identify the types of installation. Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate day Bentify the different types of gypsum wallboard (drywall) and their uses. elect the type of thickness of drywall required for specific installations. elect fasteners for drywall installation. Nails Drywall Screws Adhesives xplain the fastener schedules for different types of drywall installations. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods  Identify the types of installation Flexible — fiberglass blankets Loose fill—blown Rigid—sheet or board form Reflective—aluminum foil bonded xplain terms related to insulation Revalue Vapor barrier erformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation. Explain terms related to insulation Explain terms related to insulation STRAND 10 Students will understand and demonstrate dryw Identify the different types of gypsum wallboard (drywall) and their uses. elect the type of thickness of drywall required for specific installations. elect fasteners for drywall installation. Nails Drywall Screws Adhesives Xplain terms eschedules for different types of drywall installations. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation Nails Screws Sertify the automatic tools used in drywall finishing and demonstrate the ability to use these tools Jentify the automatic tools used in drywall finishing and state the purpose and use of each type of material, including  | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods  Identify the types of installation Flexible – fiberglass blankets Loose fill – blown Rigid – sheet or board form Reflective – aluminum foil bonded Xylain terms related to insulation Revalue Vapor barrier erformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation insulation finsulation of insulation materials. Identify the types of shallation. STRAND 10 Students will understand and demonstrate of vipud in the shallation. STRAND 10 Students will understand and demonstrate of vipud insulation.  STRAND 10 Students will understand and demonstrate of vipud installation. SIRAND 10 Students will understand and demonstrate of vipud installation. SIRAND 10 Students will understand and demonstrate of vipud installation. SIRAND 10 Students will understand and demonstrate of vipud installation. SIRAND 10 Students will understand and demonstrate of vipud installation. SIRAND 10 Students will understand and demonstrate of vipud installation. Sirand 10 Students will understand and demonstrate of vipud installation. Sirand 10 Students will understand and demonstrate of vipud installation. Sirand 10 Students will understand and demonstrate of vipud installation. Sirand 10 Students will understand and demonstrate of vipud installation. Sirand 10 Students will understand and demonstrate of vipud installation. Sirand 10 Students will understand and demonstrate of vipud installations. Sirand 10 Students will understand and demonstrate of vipud installations. Sirand 10 Students will understand and demonstrate of vipud installations. Sirand 10 Students will understand and demonstrate of vipud installations. Sirand 10 Students will understand and demonstrate of vipud installations. Sirand 10 Students will understand and demonstrate of vipud installations. Sirand 10 Students will understand and emonstrate of vipud installations. Sirand 10 Students will understand and emonstrate of vipud installations. Sirand 10 Students wi | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods  Identify the types of installation Flexible — fiberglass blankets Loose fill—blown Rigid—sheet or board form Reflective—aluminum foil bonded xplain terms related to insulation Revalue Vapor barrier erformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation. Explain terms related to insulation Explain terms related to insulation STRAND 10 Students will understand and demonstrate dryw Identify the different types of gypsum wallboard (drywall) and their uses. elect the type of thickness of drywall required for specific installations. elect fasteners for drywall installation. Nails Drywall Screws Adhesives Xplain terms eschedules for different types of drywall installations. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation Nails Screws Sertify the automatic tools used in drywall finishing and demonstrate the ability to use these tools Jentify the automatic tools used in drywall finishing and state the purpose and use of each type of material, including  | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation [Fickible — fiberglass blankets] Loose fill — blown Rigid — sheet or board form Reflective — aluminum foil bonded xplain terms related to insulation Revalue Vapor barrier efformance Skills Indentify the types of installation of insulation materials. Identify the types of installation. Explain terms related to insulation STRAND 10 Students will understand and demonstrate installation of insulation materials. Identify the types of installation. Explain terms related to insulation STRAND 10 Students will understand and demonstrate demonstrate installation. Explain terms related to insulation. STRAND 10 Students will understand and demonstrate demonstrate demonstrate installation. STRAND 10 Students will understand and demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate insulation. STRAND 10 Students will understand and demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate demonstrate insulation insulation. STRAND 10 Students will understand and demonstrate de | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods Identify the types of installation   Flickbille – fliberglass blankets   Loose fill - blown     Rigid – sheet or board form     Reflecture – aluminum foil bonded     Vapor barrier     Performance Skills     Identify the types of installation of insulation materials.     Identify the types of installation.     Explain terms related to insulation     Explain terms related to insulation.     STRAND 10 Students will understand and demonstrate dryw.     Identify the different types of gypsum wallboard (drywall) and their uses.     Identify the different types of gypsum wallboard (drywall) and their uses.     Identify the different types of drywall required for specific installations.     Identify the different types of drywall installation.     Nalis  | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods (Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation (Petisble – fiberglass blankets (Loose fill – blown Reflective – aluminum foil bonded splain terms related to insulation (Revalue — aluminum foil bonded splain terms related to insulation (Revalue — aluminum foil bonded splain terms related to insulation (Revalue — aluminum foil bonded splain terms related to insulation of insulation materials. Identify the types of installation.  Explain terms related to insulation of insulation materials. Identify the types of installation.  Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate daywell elect takeners for drywall installation.  Popular for for drywall installation.  Popular for for drywall installation.  Nalis  Popywall Screws Adhesives Adhesives Aphain the fastener schedules for different types of drywall installations. Identify the different types of drywall installations using different types of fastening systems elect fasteners for drywall installation  Nalis  Screws  dentify the hand tools used in drywall finishing and demonstrate the ability to use these tools lentify the automatic tools used in drywall finishing. Identify the different related used in drywall finishing and state the purpose and use of each type of material, including Compounds  Doint reinforcing tapes  Trim materials  Trim materials  Trim the action of the proper of gypsum wallboard (drywall) and their uses.   | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation Flexible – fiberglass blankets Loose fill - blown Reflective – aluminum foil bonded xplain terms related to insulation Reflective – aluminum foil bonded xplain terms related to insulation Revalue Vapor barrier efformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation Explain terms related to insulation Revalue Vapor barrier efformance Skills Inderstand and demonstrate installation of insulation materials. Identify the types of installation. STRAND 10 Students will understand and demonstrate day elect the type of thickness of drywall required for specific installations. elect the type of thickness of drywall required for specific installations. elect fasteners for drywall installation. Nails Drywall Screws Albesives xplain the fastener schedules for different types of drywall installations. erform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation Nails Screws Interest the standard of the materials used in drywall finishing and demonstrate the ability to use these tools fentify the automatic tools used in drywall finishing and state the purpose and use of each type of material, including Compounds Compounds Compounds Compounds Trium materials Textures and coatings erformance Skills Inderstand and demonstrate drywall installation and finishing. Identify the different types of gypsum wallboard (drywall) and their uses. Select the type of thickness of drywall enguried for specific installations.   | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods (Identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation (Petisble – fiberglass blankets (Loose fill – blown Reflective – aluminum foil bonded splain terms related to insulation (Revalue — aluminum foil bonded splain terms related to insulation (Revalue — aluminum foil bonded splain terms related to insulation (Revalue — aluminum foil bonded splain terms related to insulation of insulation materials. Identify the types of installation.  Explain terms related to insulation of insulation materials. Identify the types of installation.  Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate daywell elect takeners for drywall installation.  Popular for for drywall installation.  Popular for for drywall installation.  Nalis  Popywall Screws Adhesives Adhesives Aphain the fastener schedules for different types of drywall installations. Identify the different types of drywall installations using different types of fastening systems elect fasteners for drywall installation  Nalis  Screws  dentify the hand tools used in drywall finishing and demonstrate the ability to use these tools lentify the automatic tools used in drywall finishing. Identify the different related used in drywall finishing and state the purpose and use of each type of material, including Compounds  Doint reinforcing tapes  Trim materials  Trim materials  Trim the action of the proper of gypsum wallboard (drywall) and their uses.   | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify oring terms and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the instal dentify the types of installation Flexible — fiberglass blankets Loose fill — flowing filiper or board form Reflective — aluminum foll bonded Revalue Vapor barrier Reflective + to provide the installation of insulation materials. Identify the types of installation. Legisla in terms related to insulation. Revalue Vapor barrier Reflective types of installation. Revalue Vapor barrier Reflective types of installation. Revalue Vapor barrier Variety the different types of gypsum wallboard (drywall) and their uses. Reflect the type of thickness of drywall required for specific installations. Revalue Vapor barrier  | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify offerent roofing materials.  STRAND 9 Students will understand and demonstrate the instal dentify different proofing materials.  STRAND 9 Students will understand and demonstrate the instal dentify the types of installation Flexible fibergiass blankets Loose fill - blown Reflective aluminum foll bonded Notable standard of manulum follows follows installation of insulation materials.  Identify the different types of gypsum wallboard (drywall) and their uses.  Identify the different types of drywall required for specific installations.  Powall Screws Adhestives Notable standard of multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation Nails Screws  Scr   | General Carpentry  Ilation of insulation materials.  | _   |                       |
| Identify roofing terms and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the instal dentify the types of installation Fiebble – fiberglass blankets Loose fill – blown Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid restrained to insulation Revalue  Vapor barrier erformance Skills Indentify the types of installation of insulation materials. Identify the types of installation. Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate dryw Indentify the different types of gypsum wallboard (drywall) and their uses. elect the type of thickness of drywall required for specific installations. elect the type of thickness of drywall required for specific installations. elect the type of thickness of drywall installation. Nais Drywall Screws Adhesives Applied the fastener schedules for different types of drywall installations. elect the type of thickness of drywall installations using different types of fastening systems elect fasteners for drywall installation Nais Screws Intentify the hand tools used in drywall finishing and demonstrate the ability to use these tools lentify the hand tools used in drywall finishing and state the purpose and use of each type of material, including Compounds Joint reinforcing tapes Trim materials Trim materials Trim materials Select fasteners for drywall installation and finishing inderstand and demonstrate drywall installation and finishing inderstand and demonstrate the purpose and use of each type of material, including Compounds Scientify the hand tools used in drywall finishing and demonstrate the ability to use these tools lentify the different types of gypsum wallboard (drywall) and  | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify roofing terms and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the instal statisty the types of installation Flicotible - fiberglass blankets Loose fill - blown Rigid - sheet or board form Reflective - aluminum foll bonded Applain terms related to insulation Revolue Vapor barrier erformance Skills Indentify the types of installation of insulation materials. Identify the types of installation. Explain terms related to insulation. STRAND 10 Students will understand and demonstrate dryw. Identify the different types of syspum wallboard (drywall) and their uses. Jest type of thickness of drywall required for specific installations. Jest type of thickness of drywall required for specific installations. Jest type of thickness of drywall installations using different types of drywall installations using different types of fastening systems elect fasteners for drywall installation Nails Sorews  Srews   | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify roofing terms and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the instal dentify the types of installation Fiebble – fiberglass blankets Loose fill – blown Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid – sheet or board form Reflective – aluminum foil bonded Splid restrained to insulation Revalue  Vapor barrier erformance Skills Indentify the types of installation of insulation materials. Identify the types of installation. Explain terms related to insulation.  STRAND 10 Students will understand and demonstrate dryw Indentify the different types of gypsum wallboard (drywall) and their uses. elect the type of thickness of drywall required for specific installations. elect the type of thickness of drywall required for specific installations. elect the type of thickness of drywall installation. Nais Drywall Screws Adhesives Applied the fastener schedules for different types of drywall installations. elect the type of thickness of drywall installations using different types of fastening systems elect fasteners for drywall installation Nais Screws Intentify the hand tools used in drywall finishing and demonstrate the ability to use these tools lentify the hand tools used in drywall finishing and state the purpose and use of each type of material, including Compounds Joint reinforcing tapes Trim materials Trim materials Trim materials Select fasteners for drywall installation and finishing inderstand and demonstrate drywall installation and finishing inderstand and demonstrate the purpose and use of each type of material, including Compounds Scientify the hand tools used in drywall finishing and demonstrate the ability to use these tools lentify the different types of gypsum wallboard (drywall) and  | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify moning nerms and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the instal dentify the types of installation Flexible — fiberglass blankets Loncose fill - blown Rigid — sheet or board form types of installation or sheet  | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify confing remains and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation of Horizone - History as blankets (cooped in Horizone - History as blankets (cooped in Horizone - History - Hist | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify confing terms and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the instal dentify the types of installation Revible — floorings bisnets Looked File — blown Rigid — sheet or board form Rigid — sheet or board for Rigid R | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify confing remains and correct installation methods identify different roofing materials.  STRAND 9 Students will understand and demonstrate the installation of Horizone - History as blankets (cooped in Horizone - History as blankets (cooped in Horizone - History - Hist | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify config rearrs and correct installation methods identify different roofing materials.  Identify the types of installation Pleasible—Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Ribergiass blankets John William (Com | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify coffer recording materials.  STRAND 9 Students will understand and demonstrate the less to de | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify config rearrs and correct installation methods identify different roofing materials.  Identify the types of installation Pleasible—Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Rigid—An electro based from Ribergiass blankets John William (Composition) Ribergiass blankets John William (Com | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| identify froing terms and correct installation methods (statistic) of installation (included). STRAND 9 Students will understand and demonstrate the installation (short) the types of installation included. Shergiss blankets (cope fill - bloom (suppose file - bloom | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify conting terms and correct installation methods (settingly effect on configm materials.  Identify the types of installation Flexible—Bluegisss blankers  Locored III—Bloom Rigid—Interest or board from Redetecter—aluminam foll binded regions restricted to insulation Redetecter or board from Redetected to insulation.  Explain terms related to insulation.  Explain terms related to insulation.  Explain terms related to insulation.  Power of inclamation.  Nails  Downall Screen Acheboves  Belief the deferrency types of groups in wallboard (drywall and their uses.  Redetect between for drywall installation.  Nails  Downall Screen Acheboves  Acheboves  Reform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  Nails  Screen  Reform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  Nails  Screen  Reform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  Reform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  Reform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  Reform single-layer and multi-layer drywall installations using different types of fastening systems elect fasteners for drywall installation  Reform single-layer and multi-layer drywall installations using the fastening systems elect fasten | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify the types of installation Fisables—Financial Installation Financial | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify conting atternals and correct installation methods  | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify the types of installation Fisables—Financial Installation Financial | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify information and control installation methods  Identify the types of installation  Reaches - Benegiase barriest  Identify the types of installation  Reaches - Benegiase barriest  Identify the types of installation  Reaches - Benegiase barriest  Identify the types of installation  Reaches - Benegiase barriest  Identify the types of installation  Reaches - Benegiase barriest  Identify the special of installation  Reaches - Benegiase barriest  Identify the types of installation of insulation materials.  Identify the types of installation insulation materials.  Identify the installation of insulation materials.  Identify the installation of insulation materials.  Identify the installation of insulation materials.  Insulation of insulation of insulation materials.  Insulation of insulation of insulation materials.  Insulation of insulation of insulation of insulations using different types of fistening systems elect fasteners for dywall installation of insulations.  Insulation of insulation of insulation of insulations using different types of fistening systems elect fasteners for dywall insulation of insulations.  Insulation of insulation of insulation of insulation of insulations using different types of installations.  Insulation of insulation of insulation of insulations using different types of installations.  Insulation of insulation of insulations of insulations of insulations.  Insulation of insulation of insulations of insulations.  Insulation of insulations of insulations of insulations.  Insulation of insulations of in | General Carpentry  Ilation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify from an and correct installation methods  Identify the types of installation  Flexible – Bhorglass blankets  Johns of the Bhorglass  Johns of the B | General Carpentry Illation of insulation materials.  all installation and finishing.                         | _   |                       |
| Identify fording transplant introllegation plantarials.  STRAND 3 Students will understand and demonstrate the installation Fleeding—Replies Databases  Identify the types of installation Fleeding—Replies Databases  Identify the types of installation Replies—Assert on microline Repl | General Carpentry  Ilation of insulation materials.  In plans.  General Carpentry                            | 27113 Construction Plans and Drawings                           | 1.0.0                 |
| cently further ton and correct availation methods entitly the types of installation position. STRAND 9 Students will understand and demonstrate the listal control of the property of the types of installation or installation or off the bown of the control of the property of the control of the property of the control of t | General Carpentry  Ilation of insulation materials.  all installation and finishing.  te interior-finishing. | 27112 Roof Framing  | 2.2.0                 |

| *Make coped joint cuts using a coping saw                          |  |                                       |        |
|--|--|---------------------------------------|--------|
| *Install interior trim   |  |                                       |        |
|  | STRAND 12 Students will read construction plans. |                                       |        |
| Demonstrate the ability to read and understand construction plans. | General Carpentry                                | 27113 Construction Plans and Drawings | 1.0.0  |
| Explain why drawings are important in the construction industry.   | General Carpentry                                | 27113 Construction Plans and Drawings | 2.1.2  |
| Understand the different types of construction plans.              | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.0  |
| *Plot plans  | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.2  |
| *Floor plans   | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.4  |
| *Elevations  | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.6  |
| * Perspective/3D   | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.7  |
| *Footings and foundations  | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.3  |
| * Electrical   | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.12 |
| * Mechanical   | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.12 |
| * Plumbing   | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.12 |
| Performance Skills   |  |                                       |        |
| Read construction plans  | General Carpentry                                | 27113 Construction Plans and Drawings | 1.0.0  |
| *Demonstrate the ability to read and understand construction plans | General Carpentry                                | 27113 Construction Plans and Drawings | 1.0.0  |
| * Explain why drawings are important in the construction industry  | General Carpentry                                | 27113 Construction Plans and Drawings | 2.1.2  |
| *• Understand the different types of construction plans.           | General Carpentry                                | 27113 Construction Plans and Drawings | 1.1.0  |
|  |  |                                       |        |