



Alabama Department of Postsecondary Education

Representing the Alabama Community College System

STATEWIDE CAREER/TECHNICAL EDUCATION COURSE ARTICULATION REVIEW MINUTES

Articulation Agreement Identifier: BUC 131 (2007-1) Identifier is the postsecondary course prefix followed by Plan-of-Instruction version number (e.g.; INT 100 (2007-1)).

Applicable CIP code(s): 46.0499

Postsecondary course prefix, number, and title: BUC 131 Interior and Exterior Finishes

Secondary Education course(s) title and number: 430113/410008 - Construction Finishing & Interior Systems OR 431306/430035 - Carpentry for Residential Exteriors + 431305/430034 - Carpentry for Residential Interiors

Initial Review: February 25, 2010 Annual DPE Review: January 30, 2012

Effective date: Fall Semester 2011.

Course Content Analysis (all postsecondary course objectives must be sufficiently addressed in the secondary courses):

Notes:

- 1 Skills and knowledge contained in the postsecondary course objectives must be present in the corresponding secondary objectives for a "match" to occur.**
- 2. Postsecondary and Secondary objectives must reflect similar content and performance levels before the course articulation agreement will be recommended to the TEDAC Oversight Committee.**
- 3. More than one Secondary course may be used in order to articulate to a Postsecondary course.**

Postsecondary Course Objectives	Secondary Objectives and Location(s)	TEDAC Comments
<p>A1.0 Value job site safety A1.1 This competency will be affectively survey throughout the course. A1.1.1 Describe various hazards associated with finishing interior and exterior projects. A1.1.2 Explain the uses of various types of personal protective equipment for interior and exterior finishing</p> <p>A2.0 Identify the terms, tools, materials, and equipment necessary for finishing interior and exterior projects. A2.1 This competency will be measured cognitively. . A2.1.1 Identify the definitions for various terms used in finishing construction. A2.1.2 Identify the various tools and equipment needed for finishing construction and explain their uses. A2.1.3 Identify the various finishing materials and explain their uses.</p>	<p><u>Construction Finishing & Interior Systems, Unit 2, Safety Content Standard</u></p> <p>2. Demonstrate job-site safety in the finishing phase of construction.</p> <p><u>Learning Object</u></p> <p>1. Explain job-site safety during the finishing stages of construction.</p> <p>While not listed here, the competencies listed are taught in the prerequisite Architecture, Construction & Manufacturing course.</p>	

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<p>B1.0 Install exterior finish.</p> <p>B1.1 Install various types of siding according to specifications.</p> <p>B1.1.1 Describe the types and applications of various kinds of siding.</p> <p>B1.1.2 Explain the methods and procedures for installing various kinds of siding.</p>	<p><u>Carpentry for Residential Exteriors, Unit 1-8, Exterior Finishing Content Standard</u></p> <ol style="list-style-type: none"> 1. Explain the purpose of wall insulation and flashing. 2. Demonstrate the installation of selected common cornices. 3. Demonstrate estimating methods for lap and panel siding. 4. Demonstrate applications of wood siding, including groove, shiplap, board and batten, shake or shingle, plywood, hardwood, and particleboard. 5. Demonstrate the installation of fiber cement siding. 6. Install selected types of vinyl or metal siding. 7. Describe types and applications of stucco and masonry veneer finishes. 8. Demonstrate the installation of selected types of metal or vinyl gutters, downspouts, and accessories. <p><u>Learning Objective</u></p> <ol style="list-style-type: none"> 1. Install wall insulation and metal flashing. 2. Measure, layout, and construct common cornices systems. 3. Calculate material quantities of various exterior siding systems. 4. Install various types of exterior wood siding systems. 5. Install fiber cement siding. 6. Demonstrate proper installation of selected vinyl and metal siding. 7. Identify various types and applications of stucco and masonry veneer finishes. 	

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	<p>8. Install roof drainage gutter with appropriate downspout systems.</p> <p><u>OR</u></p> <p><u>Construction Finishing & Interior Systems, Unit 10, Exterior and Interior Wall Coverings Content Standard</u></p> <p>10. Demonstrate the installation of exterior and interior wall coverings for structures.</p> <ul style="list-style-type: none"> • Differentiating among types of exterior wall coverings for structures Examples: wood, vinyl, masonry, metal • Differentiating among types of interior wall coverings for structures Examples: wood, dry wall, paneling <p><u>Learning Objects</u></p> <ol style="list-style-type: none"> 1. Demonstrate the proper installation of wood covering to the exterior of a structure. 2. Demonstrate the proper installation of vinyl covering to the exterior of a structure. 3. Demonstrate the proper installation of masonry covering to the exterior of a structure. 4. Demonstrate the proper installation of metal covering to the exterior of a structure. 5. Demonstrate the proper installation of wood covering to the interior walls of a structure. 6. Demonstrate the proper installation of dry wall to the interior walls of a structure. 7. Demonstrate the proper installation of paneling to 	

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<p>C1.0 Install and finish interior components.</p> <p>C1.1 Install and finish drywall.</p> <p>C1.2 Install paneling.</p> <p>C1.3 Install various ceiling finishes.</p> <p>C1.4 Prepare and paint specified project.</p> <p>C1.5 Install specified floor covering.</p> <p>C1.1.1 Identify the different types of gypsum wallboard and their uses.</p> <p>C1.1.2 Explain the fastener schedules for different types of drywall installation.</p> <p>C1.1.3 Describe the process for installing drywall in various locations.</p> <p>C1.1.4 Identify the hand tools used in drywall finishing and describe how to use them.</p> <p>C1.1.5 Identify the automatic tools used in drywall finishing.</p> <p>C1.1.6 Identify the materials used in drywall finishing and state the purpose of each type of material.</p> <p>C1.1.7 Describe the finishing techniques used for drywall.</p> <p>C1.2.1 Identify the various types of paneling and their uses.</p> <p>C1.2.2 Describe the various techniques for installing the</p>	<p>the interior walls of a structure.</p> <p><u>Carpentry for Residential Interiors, Unit 1-5, Wall Coverings Content Standard</u></p> <ol style="list-style-type: none"> 1. Compare various types of wall coverings used in interior residential carpentry. 2. Use appropriate fastening systems for residential interior applications. 3. Install single and multilayer wall coverings, using a variety of fastener types and installation methods. 4. Install wall covering over wood and metal studs, 5. Estimate materials needed for a specific wall covering installation project. <p><u>Learning Objectives</u></p> <ol style="list-style-type: none"> 1. Install various interior walls covering material over existing wood wall framing. 2. Install various interior walls covering material over existing metal wall framing. 3. Attach various interior walls covering material using various types of fasteners. 4. Calculate material quantities of interior wall covering material. 	

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<p>different types of paneling.</p> <p>C1.3.1 Describe how to install a soft tile ceiling.</p> <p>C1.4.1 Describe how to prepare sheetrock for painting.</p> <p>C1.4.2 Discuss the types of paints and their applications.</p> <p>C1.5.1 Identify the various types of floor coverings.</p> <p>C1.5.2 Explain how to prepare the surface for floor installation.</p> <p>C1.5.3 Describe how to measure, cut, and install various types of flooring such as vinyl, ceramic tile, laminate, and wood flooring products.</p>	<p><u>Carpentry for Residential Interiors, Unit 6, Dry Wall Finishing</u> <u>Content Standard</u></p> <p>6. Explain various degrees of drywall finishing recognized in the construction industry.</p> <ul style="list-style-type: none"> • Describing materials used in drywall finishing, including compounds, joint reinforcing tapes, trim materials, textures, and coatings • Demonstrating the ability to finish a drywall with power and hand tools <p><u>Learning Objective</u></p> <p>1. Describe different products used in drywall finishing. 2. Explain in what sequence finishing materials should be used and why. 3. Describe the proper use of hand and power tools.</p> <p><u>Carpentry for Residential Interiors, Unit 9-10, Interior Finishing, Suspended Ceilings</u> <u>Content Standard</u></p> <p>9. Identify various types of suspended ceilings.</p> <ul style="list-style-type: none"> • Interpreting plans and shop drawings related to suspended ceiling layout <p>10. Formulate a list of materials needed for constructing a suspended ceiling.</p> <p><u>Learning Objective</u></p>	

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	<p>1. Estimate a material list for installing a suspended ceiling.</p> <p>2. Describe applications for the different types of suspended ceilings.</p> <p>3. Describe how floor plans affect the layout of suspended ceilings.</p> <p><u>OR</u></p> <p><u>Construction Finishing & Interior Systems, Unit 10, Exterior and Interior Wall Coverings Content Standard</u></p> <p>10. Demonstrate the installation of exterior and interior wall coverings for structures.</p> <ul style="list-style-type: none"> • Differentiating among types of exterior wall coverings for structures <ul style="list-style-type: none"> Examples: wood, vinyl, masonry, metal • Differentiating among types of interior wall coverings for structures <ul style="list-style-type: none"> Examples: wood, dry wall, paneling <p><u>Learning Objects</u></p> <p>1. Demonstrate the proper installation of wood covering to the exterior of a structure.</p> <p>2. Demonstrate the proper installation of vinyl covering to the exterior of a structure.</p> <p>3. Demonstrate the proper installation of masonry covering to the exterior of a structure.</p> <p>4. Demonstrate the proper installation of metal covering to the exterior of a structure.</p> <p>5. Demonstrate the proper installation of wood covering to the interior walls of a structure.</p>	

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	<p>6. Demonstrate the proper installation of dry wall to the interior walls of a structure.</p> <p>7. Demonstrate the proper installation of paneling to the interior walls of a structure.</p> <p><u>Construction Finishing & Interior Systems, Unit 13-14, Finishes</u> <u>Content Standard</u></p> <p>13. Identify various finishes for exterior surfaces.</p> <p>14. Apply finishes to interior surfaces.</p> <p>Examples: paints, lacquers, varnishes, stains, preservatives</p> <ul style="list-style-type: none"> • Preparing interior surfaces for finishing • Identifying types of application methods for finishes <p>Examples: pneumatic application, natural bristle brushes, synthetic bristle brushes</p> <p><u>Learning Object</u></p> <p>1. Identify various finishes for exterior surfaces and explain their applications.</p> <p>2. Demonstrate proper application of various finishes to interior surfaces.</p> <p>3. Prepare interior surfaces for finishing.</p> <p>4. Identify and demonstrate various methods for applying finishes.</p>	

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TEDAC Committee Recommendation:

- Recommend articulation
- Do not recommend articulation at this time (See comments)
- Do not recommend articulation

Co-chair, Postsecondary Education TEDAC Committee Date

Co-chair, Secondary Education TEDAC Committee Date

TEDAC Oversight Committee Recommendation:

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- Do not recommend articulation at this time (See comments)
- Do not recommend articulation

Co-chair, Postsecondary Education TEDAC Oversight Committee Date

Co-chair, Secondary Education TEDAC Oversight Committee Date