



Alabama Department of Postsecondary Education

Representing the Alabama Community College System

STATEWIDE CAREER/TECHNICAL EDUCATION COURSE ARTICULATION REVIEW MINUTES

Articulation Agreement Identifier: ABR 151 (2005-1) Identifier is the postsecondary course prefix followed by Plan-of-Instruction version number (e.g.; INT 100 (2005-1)).

Applicable CIP code(s): 47.0603

Postsecondary course prefix, number, and title: ABR 151 Safety and Environmental Practices

Secondary Course(s) of Study: 471101/570030 - Painting and Refinishing I + 471102/570031 - Painting and Refinishing II + 471103/570032 - Painting and Refinishing III or any combination of three Collision and Repair Courses

Initial Review: Sept 17, 2009 Annual DPE Review: January 24, 2012

Effective dates: 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 Course(s) and Location(s)	TEDAC Comments
<p>Competencies</p> <p>A1.0 Use safe practices and precautions in the handling, storing, and the use of hazardous materials.</p> <p>A1.1 Identify and take necessary precautions with hazardous operations and materials according to federal, state, and local regulations.</p> <p> A1.1.1 Identify federal, state, and local regulations for using hazardous material</p> <p>A1.2 Identify safety and personal health hazards according to OSHA guidelines and the “Right to Know Law”.</p> <p> A1.2.1 Identify OSHA guidelines</p> <p> A1.2.2 Identify right to know laws</p> <p>A1.3 Inspect spray environment to ensure compliance with federal, state and local regulations, and for safety and cleanliness hazards.</p> <p> A1.3.1 Identify inspection criteria for the spray environment</p> <p>A1.4 Select and use the NIOSH approved personal sanding respirator. Inspect condition and ensure fit and operation. Perform proper maintenance in accordance with OSHA Regulation 1910.134 and applicable state and local regulation.</p> <p> A1.4.1 Identify the NIOSH approved personal sanding respirator</p> <p> A1.4.2 Identify proper fit and operation criteria in compliance with OSHA Regulation 1910.134</p> <p>A1.5 Select and use the NIOSH approved (Fresh Air Make-up System) personal painting/refinishing respirator system. Perform proper maintenance in accordance with OSHA Regulation 1910.134 and applicable state and local regulation.</p> <p> A1.5.1 Identify NIOSH approved fresh air make-up respiratory</p>	<p>Painting and Refinishing I, Unit 1</p> <p>Content Standards</p> <p>1. Demonstrate personal and environmental safety practices for basic painting and refinishing, including clothing, eye protection, hand tools, power equipment, and proper ventilation.</p> <p>Learning Objectives</p> <p>1. Practice appropriate personal safety procedures by wearing required eye, hand, and other protective equipment.</p> <p>2. Employ safe tool use and handling procedures for hand and power tools (pneumatic and electric).</p> <p>3. Use shop ventilation system and proper storage of hazardous materials and waste.</p> <p>4. Understand and decode Material Safety Data Sheet (MSDS).</p> <p>5. Practice safe vehicle lifting, floor jack, and support procedures.</p> <p>6. Be knowledgeable about local, state, and federal safety/environmental regulations.</p> <p>7. Practice severe weather, fire, intruder and disaster plans; know how to prevent fires and use of fire suppression equipment.</p> <p>8. Be able to work safely in the automotive shop environment while performing painting and refinishing operations.</p>	

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<p>systems</p> <p>A1.5.2 Identify proper maintenance of fresh air make-up systems</p> <p>A1.6 Select and use the proper personal safety equipment for surface preparation, spray gun and related equipment operation, paint mixing, matching and application, paint defects, and detailing (gloves, suits, hoods, eye and ear protection)</p> <p>A1.6.1 Identify proper personal safety equipment for the refinishing process</p>	<p>Painting and Refinishing II, Unit 1</p> <p>Content Standards</p> <p>1. Demonstrate personal and environmental safety practices for intermediate painting and refinishing, including clothing, eye protection, hand tools, power equipment, and proper ventilation.</p> <p>Learning Objectives</p> <p>1. Practice appropriate personal safety procedures by wearing required eye, hand, and other protective equipment.</p> <p>2. Employ safe tool use and handling procedures for hand and power tools (pneumatic and electric).</p> <p>3. Use shop ventilation system and proper storage of hazardous materials and waste.</p> <p>4. Understand and decode Material Safety Data Sheet (MSDS).</p> <p>5. Practice safe vehicle lifting, floor jack, and support procedures.</p> <p>6. Be knowledgeable about local, state, and federal safety/environmental regulations.</p> <p>7. Practice severe weather, fire, intruder and disaster plans; know how to prevent fires and use of fire suppression equipment.</p> <p>8. Be able to work safely in the automotive shop environment while performing painting and refinishing operations.</p>	

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	<p>Painting and Refinishing III, Unit 1 Content Standards</p> <p>1. Demonstrate personal and environmental safety practices for intermediate painting and refinishing, including clothing, eye protection, hand tools, power equipment, and proper ventilation.</p> <p>Learning Objectives</p> <p>1. Practice appropriate personal safety procedures by wearing required eye, hand, and other protective equipment. 2. Employ safe tool use and handling procedures for hand and power tools[pneumatic and electric] 3. Use shop ventilation system and proper storage of hazardous materials and waste. 4. Understand and decode Material Safety Data Sheet [MSDS] 5. Practice safe vehicle lifting, floor jack, and support procedures. 6. Be knowledgeable about local, state, and federal safety / environmental regulations. 7. Practice, severe weather, fire, intruder and disaster plans; know how prevent fires and use fire suppression equipment. 8. Be able to work safely in the automotive shop environment while performing painting and refinishing operations. 9. Practice safety procedures associated with the use of hand and power tools. 10. Practice the use of eye protection appropriate to the task. 11. Demonstrate safe ventilation awareness and practices. 12. Practice safety procedures associated with vehicle</p>	

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	components and systems such as ABS, air bags, refrigerants, batteries, tires, oil, anti-freeze, engine coolants, etc. 13. Practice environmental practices associated with vehicle components and systems such as substrates, fluids, refrigerants, batteries, etc.	