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Furniture, Manufacturing, and Upholstering Blueprint Information

Beginning in Fall 2016,

Year 1 will be taught and assessed using the 2016 Furniture, Manufacturing, and Upholstering.*

Year 2 will be taught and assessed using the 2004 Furniture, Manufacturing, and Upholstering.*

2004 Furniture, Manufacturing, and Upholstering curriculum will be retired July 1, 2017.*

*This assessment plan is subject to change based on funding and policy changes/updates. Information for test coordinators will be disseminated on the ordering process for the national certification by the Research and Curriculum Unit at Mississippi State University.



SEC – Furniture, Manufacturing, and Upholstering Blueprints

This document contains the blueprints for the concentration areas in secondary Furniture, Manufacturing, and Upholstering.

Course Code(s)	Test Code	Program Name	Supplemental Materials/Notes
993500, 993502, 993503	11332Y1-2016	Furniture, Manufacturing, and Upholstering	
480790, 480791	11332Y2-2004	Furniture, Manufacturing, and Upholstering	

Curriculum	Perkins Assessment 2016-17		Teacher Evaluation Pilot 2016-17			
	Y1 Post-Test	Y2 Post-Test	Y1 Baseline	Y1 Post-Test	Y2 Baseline	Y2 Post-Test
Furniture, Manufacturing, and Upholstering	MS-CPAS2*	MS-CPAS2*	NA*	NA*	NA*	NA*

* These assessments are subject to change based on funding and policy changes/updates.

Information for test coordinators will be disseminated on the ordering process for the national certification by the Research and Curriculum Unit at Mississippi State University.



MS-CPAS2 Blueprint Summary

Assessment: Furniture, Manufacturing, and Upholstering
Test Code: 11332Y1-2016
CIP Code: 480702
Course Codes: 993500, 993502, 993503
Type: CP

The MS-CPAS2 Blueprint Summary indicates the number of assessment questions related to each unit on the assessment and indicates the relative emphasis placed on each unit. All of the listed competencies will appear on the assessment, but because of the length of the assessment, not every competency will be equally represented in the assessment.

The MS-CPAS2 Blueprint Summary includes a variety of information, which is explained below:

Terms and Definitions	
Assessment:	This signifies the name of the assessment, which corresponds with the name of the pathway or program.
CIP Code:	Developed by the U.S. Department of Education's National Center for Education Statistics (NCES), CIP codes are a federal coding system utilized for assessment and reporting of fields of study and program completions activity tracking.
Test Code:	A unique code that serves to numerically identify a specific assessment
DOK Levels:	Based on Webb's Depth of Knowledge (DOK), this signifies the assessment item difficulty factor to be expected in each unit. The three levels are as follows: <i>1 = Recall and Reproduction, 2 = Skills and Concepts, 3 = Short-term Strategic Thinking</i> Some postsecondary programs will not use DOK levels until the next revision.
Instructional	The total number of hours assigned to a unit per the pathway's curriculum
Total Items:	The total number of items assigned to each unit on the assessment. It is calculated as follows: <i>(Unit Instructional Hours / Total Instructional Hours) * Total Active Items</i>
Active Items:	The number of items on the assessment that will be graded
Field-test Items:	The number of items that are being field-tested, or piloted, to determine their eligibility for inclusion as an Active Item on future assessments. These items are not graded and, thus, will not impact the student's final score.
Total Assessed Items:	The total number of items on the given assessment. It is calculated as follows: <i>Active Items + Field-test Items</i>

For more information regarding this MS-CPAS2 Blueprint Summary, please contact the Mississippi Assessment Center by phone at 1.866.901.7433 or by e-mail at helpdesk@rcu.msstate.edu.



Assessment: Furniture, Manufacturing, and						
Test Code: 11332Y1-2016				DOK Level(s)	Instructional Hours	Total Items
CIP Code: 480702						
Total Hours: 200						
Unit 1: Introduction to Furniture Manufacturing	1				10	4
1. Explain the requirements and working conditions for employment in the upholstered furniture manufacturing industry. 2. Not tested on MS-CPAS2. 3. Not tested on MS-CPAS2.						
Unit 2: General Safety	1				10	4
1. Explain the safety requirements for upholstered manufacturing. 2. Identify hazardous materials that may be found on a job site and describe procedures for handling/avoidance or removal of materials.						
Unit 3: Tools and Equipment Identification and Use	1				30	12
1. Demonstrate use of hand tools found in upholstered furniture manufacturing. 2. Demonstrate use of power tools found in upholstered furniture frame manufacturing.						
Unit 4: Measurement	1				10	4
1. Identify types of measuring devices used in furniture manufacturing. 2. Perform mathematics essential to furniture manufacturing occupations.						
Unit 5: Furniture Frame Patterns and Layout I	1				25	10
1. Identify terms and materials commonly used in frame manufacture. 2. Identify types and styles of upholstered furniture. 3. Create a working drawing.						
Unit 6: Cutting and Assembling Frames	1				25	10
1. Cut frames for upholstered furniture to specifications. 2. Assemble frame parts to specifications using fastening devices.						
Unit 7: Measure, Lay Out, and Cut Fabrics I	1	2			25	10
1. Identify parts of furniture being manufactured. 2. Measuring parts of furniture. 3. Identify fabric-cutting procedures.						
Unit 8: Sewing Procedures I	1	2			25	10
1. Identify types and basic parts of sewing machines. 2. Operate a sewing machine.						
Unit 9. Furniture Upholstery I	1	2			40	16
1. Identify the steps in furniture upholstery. 2. Perform the steps in furniture upholstery.						
Unit 10: Special Topics in Furniture Manufacturing and Upholstering I					NA	
1.-5. Not tested on MS-CPAS						
Active Items						80
Field-Test Items						20
TOTAL ASSESSED ITEMS						100



MS-CPAS2 Blueprint Summary

Assessment: Furniture, Manufacturing, and Upholstering
Test Code: 11332Y2-2004
CIP Code: 480702
Course Codes: 480790, 480791
Type: CP

The MS-CPAS2 Blueprint Summary indicates the number of assessment questions related to each unit on the assessment and indicates the relative emphasis placed on each unit. All of the listed competencies will appear on the assessment, but because of the length of the assessment, not every competency will be equally represented in the assessment.

The MS-CPAS2 Blueprint Summary includes a variety of information, which is explained below:

Terms and Definitions	
Assessment:	This signifies the name of the assessment, which corresponds with the name of the pathway or program.
CIP Code:	Developed by the U.S. Department of Education's National Center for Education Statistics (NCES), CIP codes are a federal coding system utilized for assessment and reporting of fields of study and program completions activity tracking.
Test Code:	A unique code that serves to numerically identify a specific assessment
DOK Levels:	Based on Webb's Depth of Knowledge (DOK), this signifies the assessment item difficulty factor to be expected in each unit. The three levels are as follows: <i>1 = Recall and Reproduction, 2 = Skills and Concepts, 3 = Short-term Strategic Thinking</i>
Instructional Hours:	The total number of hours assigned to a unit per the pathway's curriculum
Total Items:	The total number of items assigned to each unit on the assessment. It is calculated as follows: <i>(Unit Instructional Hours / Total Instructional Hours) * Total Active Items</i>
Active Items:	The number of items on the assessment that will be graded
Field-test Items:	The number of items that are being field-tested, or piloted, to determine their eligibility for inclusion as an Active Item on future assessments. These items are not graded and, thus, will not impact the student's final score.
Total Assessed Items:	The total number of items on the given assessment. It is calculated as follows: <i>Active Items + Field-test Items</i>

For more information regarding this MS-CPAS2 Blueprint Summary, please contact the Mississippi Assessment Center by phone at 1.866.901.7433 or by e-mail at helpdesk@rcu.msstate.edu.



Assessment: Furniture, Manufacturing, and Upholstering							
Test Code: 11332Y2-2004							
CIP Code: 480702							
Total Hours: 355							
DOK Level(s)				Instructional Hours	Total Items		
Unit 3: Tools and Equipment Identification and Use				1	2	30	4
1. Demonstrate use of hand tools found in upholstered furniture manufacturing.							
2. Demonstrate use of power tools found in upholstered furniture frame manufacturing.							
Unit 5: Furniture Frame Patterns and Layout				1	2	70	6
1. Identify terms and materials commonly used in frame manufacture.							
2. Identify types and styles of upholstered furniture.							
3. Create a working drawing.							
4. Apply a working drawing, including the layout and cutting of materials for a part from a working drawing.							
5. Prepare a bill of materials for the manufacture of a furniture frame.							
Unit 6: Cutting and Assembling Frames				1	2	70	6
1. Cut frames for upholstered furniture to specifications.							
2. Assemble frame parts to specifications using fastening devices.							
Unit 3: Furniture Padding, Hardware, and Support Systems				1	2	30	4
1. Identify padding and hardware components used in upholstered furniture manufacturing.							
2. Apply support system components.							
3. Apply upholstered furniture padding.							
Unit 4: Measure, Layout, and Cut Fabrics				1	2	30	4
1. Identify parts of furniture being manufactured.							
2. Identify fabric cutting procedures.							
Unit 5: Sewing Procedures				1	2	45	4
1. Identify types and basic parts of sewing machines.							
2. Operate a sewing machine.							
Unit 6: Furniture Upholstery				1	2	80	7
1. Identify the steps in furniture upholstery.							
2. Perform the steps in furniture upholstery.							
Active Items						35	
Field-Test Items						15	
TOTAL ASSESSED ITEMS						50	