Woodworking 3 (II715) Curriculum Guide 9-12 Grades

Formerly Cabinetmaking 1 (II715)
Prerequisite Course(s): Woodworking 1 and 2 or at the discretion of the teacher
High School Credit = ½ credit per semester (Postsecondary credit = 0)
This course will be offered: _X_ every year OR ___ every other year
Pathway (Optional): Production
Career Cluster Area: Manufacturing
Source of Occupational Skills Standards: Occupational Safety and Health Standards (OSHA), National Center for Construction Education Research (NCCER)
Eligibility for Nationally Recognized Skill Certificate(s)/State License: __ No OR _X_ Yes, and identify Certificate: (OSHA), (NCCER)
Tech Prep: _X_ No OR ___ Yes - If Yes, list postsecondary institution and number of postsecondary credits
Is this course brokered through another institution or agency: _X_ No OR ___ Yes, and list institution/agency:

Course Master Number: II715
Course Description: This course offers students knowledge and practical experience in the specialized area of cabinetmaking. Students are given an in-depth experience in design production and uses of cabinets. Students will learn to mentor and supervise the demonstration of inexperienced/beginning woodworking students. Safe equipment use and processes will be covered.

Content Headings/Topics

1. Safety
2. Machinery
3. Construction types
4. Industry standards
5. Materials
6. Design
7. Joints
8. Drawer construction
9. Door construction
10. Door types
11. Hardware
12. Finishes

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Standard	Objective	Sequence and Duration	Sample Teaching Strategy/ Possible Integration	Resources and Text:	Dist/ State Assessment	Formative Assessment
	1. Understand aspects of safety and use of machinery. **(A6)**		R4.2			Pre / Post Test
	2. Demonstrate ability to use machinery.		M2.4.1-4 R4.4			Lab Assignments
	3. Demonstrate knowledge of industry standards.		M1.4.1-5, 2.4.1-4, 3.4.1, 4.4.2, 5.4.6, R4.2, 4.4			Lab Assignments
UBC 97	4. Demonstrate knowledge of material types and use.		M1.4.1-5, 2.4.1-4, 3.4.1, 4.4.2 R4.2, 4.4			Lab Assignments
	5. Demonstrate understanding of different cabinet designs.		M7.4.1 R4.2			Lab Assignments
	6. Demonstrate knowledge of wood joints.		R4.2			Lab Assignments
	7. Demonstrate ability to construct and install drawers.		M2.4.1 R4.4			Lab Assignments
	8. Understand proper selection of hardware.		R4.2			Lab Assignments
	9. Demonstrate understanding of cabinet selection and interior design.		M7.4.1 R4.2			Lab Assignments
	10. Demonstrate ability to select and apply finishes.		R4.2, 4.4			Lab Assignments