



Discipline: Woodworking Manufacturing Technologies
Date Submitted: November 10, 2021

Cerritos College
ARTICULATION AGREEMENT

<p>Cerritos College Course: WMT 100 - Woodworking Essentials (2 units)</p> <p>Cerritos College 11110 Alondra Blvd. Norwalk, CA 90650</p>	<p>High School Course: Cabinetry and Furniture Making</p> <p>Mayfair High School 6000 Woodruff Ave. Lakewood, CA 90713</p>
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General Course Description:
Cabinetry and Furniture Making: This course provides learning opportunities for students interested in preparing for careers in cabinet construction, millwork, finish carpentry, and furniture making for both production and custom products. Cabinetmaking is the second course in the two-year pathway. You must have received a grade of "C" or higher in Introduction to Woodworking to be enrolled in Cabinetmaking.

WMT 100: This introductory course introduces students to the essential machinery, processes, and safety procedures necessary to obtain an entry-level job in the woodworking industry. Topics include shop math, basic machinery use, lumber preparation, sheet material handling, joinery, shop etiquette, and safety.

<p>College Prerequisite: none</p>	<p>HS Prerequisite: C or better in Introduction to Woodworking</p>
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Advisories/Recommendations: none

- Course Content:**
- Demonstrate competence in planning, design, layout, and technical drawing interpretation for practical use in cabinetmaking and millworking.
 - Differentiate between the various furniture and cabinet styles used in the cabinet and furniture industry
 - Interpret and apply information to develop a bill of materials, estimate the cost of materials, and develop a plan of procedures to complete a project
 - Demonstrate proper selection and use of woodworking tools.
 - Identify wood products and materials used in the furniture and cabinetmaking industry and describe their characteristics and uses.
 - Compare and contrast the advantages and disadvantages of using laminates verses using veneers.
 - Demonstrate competence in various construction processes in the cabinetmaking, furniture making, and millworking industries.
 - Utilize appropriate abrasives to prepare a project for a specific finish
 - Understand finishes and when to apply paint, stains, sealers, varnishes, and catalyzed finishes, including water- and oil-based finishes.
 - Demonstrate proper techniques for cabinet installation.
 - Identify the advantages and disadvantages for various countertop materials.

Competencies and Skill Requirements:

At the conclusion of this course, the student should be able to:

- Students will demonstrate competence in all skills covered in Introduction to Woodworking.
- Students will differentiate between the various furniture and cabinet styles used in the cabinet and furniture industry.
- Students will compare and contrast the advantages and disadvantages of using laminates versus using veneers.
- Students will demonstrate competence in various construction processes in the cabinetmaking, furniture making, and millworking industries.
- Students will demonstrate proper techniques for cabinet installation.
- Students will identify the advantages and disadvantages for various countertop materials.

Measurement Methods:

1. Tests & quizzes
2. Journal entries & Reflections
3. Projects
4. Attendance, participation and clean up

Textbooks or Other Support Materials:

Online Resources and Videos

Procedures for Course Articulation:


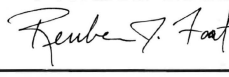
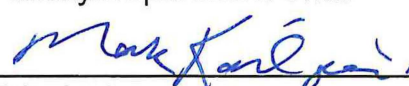



Cerritos College credit for the articulated course listed above may be received when the following criteria are met:

1. The student has completed the articulated course listed above, Cabinetry and Furniture Making with a grade of "B" or higher.
2. The student must take and pass the WMT 100 final exam (provided by Cerritos College) with a score of 85% or higher.
3. The student must enroll at Cerritos College within two (2) years from the semester date in which the course was completed.
4. The student will complete and submit the Cerritos College Petition for Credit by Examination for Articulated High School Course form to the office of Educational Partnerships and Programs.
5. No more than 15 units of credit by exam may accepted for credit by examination.

This Agreement will be reviewed annually and will remain in effect until cancelled by either party giving 30 days written notice.

High School/ROP District Signatures

Cerritos College Signatures

	11/18/21		Dec 13, 2021
Faculty/Department Chair	Date	Instructor/Division Chair	Date
	11-17-2021	 E. (Rick) Miranda (Dec 13, 2021 21:29 PST)	Dec 13, 2021
Principal	Date	Dean of Instruction	Date
	11/19/21	 Yannick Real (Dec 13, 2021 17:25 PST)	Dec 13, 2021
Superintendent	Date	Vice President	Date











Cerritos College Artic Agreement WMT 100 Cabinetry


Final Audit Report

2021-12-14

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