



Discipline: Building Trades and Construction
Date Submitted: May 31, 2016

**Cerritos College
 ARTICULATION AGREEMENT**

Cerritos College Course: WMT 101: Introduction to Woodworking Cerritos College 11110 Alondra Blvd. Norwalk, CA 90650	Royal High School Courses: Wood 1 & Wood 2 Royal High School 1402 Royal Ave. Simi Valley, CA 93065
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General Course Description:
 This course is a study of operations commonly performed in furniture and cabinet shops. Topics will include safety procedures, material selection, project design, wood fabrication, assembly methods and finishing procedures. Students will work on individual woodworking projects as they learn both shop safety and craftsmanship.

College Prerequisite(s): None	HS/ROCP Prerequisite(s): None
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Advisories/Recommendations: Wood 1 & Wood 2 both must be taken to fulfill the 2 semester requirement.

Course Content:

A. Woodworking safety procedures

1. Industrial safety
2. Band saw
3. Table saw
4. Jointer
5. Radial arm saw
6. Drum Sander
7. Planer
8. Power Miter Saw
9. Drill press
10. Lathe
11. Other power equipment
12. Belt/ Disc/ Spindle Sander
13. Hand tools

B. Woodworking materials

1. Types of wood
2. Other component materials
3. Types of glue
4. Other assembly methods
5. Types of stains and finish materials
6. Select appropriate materials for project

Lab Content:**A. Woodworking Terminology**

1. Class notes
2. Vocabulary
3. Measuring reviews and exercises
4. Class assignments

B. Woodworking project Design

1. Select Project
2. Select types of joinery
3. Calculate wood usage
4. Draw Multi-view of project
5. Develop plan of procedure
6. Calculate finish materials

C. Woodworking project construction

1. Measuring and cutting lumber
2. Machining and fitting pieces
3. Sanding and preparing for assembly
4. Gluing and assembling pieces

Competencies and Skill Requirements. At the conclusion of these courses, the student should be able to:

1. Safety procedures
2. Know types of wood, glue, stains and finish materials

Measurement Methods:

1. Written assignments
2. Notebook Completion
3. Problem Solving
4. Project construction
5. Skills demonstrations
6. Measurement Quizes
7. Final Exam

Textbooks or Other Support Materials:

1. Kicklighter & Wagner: Modern Woodworking

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 with a "B" grade or higher in **Wood 1 & Wood 2.**
2. Students will need to pass Cerritos College's Woodworking Department's safety test.
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 Credit by Exam Form* to the Office of Educational Partnerships & Programs.
5. No more than 12 units of credit may be 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

Rita Longo 6/1/16
Faculty/Department Chair Date

[Signature] 7-26-16
Instructor/Division Chair Date

[Signature] 6/1/16
Principal Date

[Signature] 7/26/16
Dean of Instruction Date

[Signature] 6/15/16
Superintendent Date

[Signature] 8/15/16
Vice President Date