

# Woodworking & Millwork I

CMGT - 1220 001

## Course Description

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This course explores the basic principles of woodworking. Safety will be discussed in depth. Topics include the theory & hands-on application of joinery, design, cut-lists, stock preparation & assembly. An assigned skill building project utilizing techniques such as frame & panel construction. Includes an introduction to use wood veneers as a sustainable practice. Typical project cost: \$100.

Semester: Fall

## Course Student Learning Outcomes

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- Safe operation of power equipment.
- Learn design principles used in a controlled classroom project.
- Introduced to common hardware options commonly used in woodworking and the methods used to research proper applications & use of desired hardware.
- Learn joinery methods & cut-listing skills for the controlled classroom project.
- Learn the proper procedures for cut-out & assembly of the controlled classroom project.
- Learn basic wood finishing techniques including sanding, basic coloring & top coating.
- Begin the process of developing their own design for a future project.

## Engagement Plan

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**Attendance & Participation:**

In order for students to understand the theories and processes used in woodworking, daily attendance is important. This class is designed to build upon itself daily so excessive absences will be detrimental to your grade.

### **Research projects:**

Each student will select two aspects of woodworking that appeal to them and make a presentation to the class. Examples include topics like types of joinery, styles of furniture, finishing techniques, and others.

### **Cleanup:**

The cleanup process is one of the outcomes that the Building Construction Department feels is crucial to the student's professional image. Students will each have an area of the shop they will be responsible to make sure gets cleaned on a daily basis.

All Students will be responsible to:

1. Check-in tools promptly at clean up time.
2. Store all projects and materials safely.
3. Clean up personal work areas.
4. Perform general clean up and de-junk of shop.
5. Assure stock rooms & glue cart are left in good order.

### Keys for Success (how to succeed in the course)

Students will draw upon their knowledge and skills to design and build a project utilizing a variety of woodworking techniques. Class instruction each day includes a one-hour lecture on woodworking theory from our text. There will also be frequent lectures and demonstrations throughout our woodshop lab time.

Students who attend class, actively listen, inquire when they need help, help others, and follow instructions will be successful.

## Brief Description of Assignments/Exams

Class includes three assignments: 1) a class group project , 2) a research project, and 3) a presentation/final exam.

## Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	<a href="#">Chris Gochnour Background</a>	Discussion	0

## Grading Scale

Your final grade will be comprised of the following and weighted as such:

- Attendance/participation - One-third
- Group Project and Research Project - One-third
- Final Exam/Presentation of Project - One-third
- Total 100%

## How to Navigate to Canvas

## Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

## [Learning Support and Tutoring Services](#)

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We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

## [Advising and Counseling Support Services](#)

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At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

## [Student Academic Calendar](#)

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As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)