

Wilco Area Career Center
500 Wilco Blvd. Romeoville, IL 60446
Construction/Building Trades/ Landscaping Syllabus

Instructor: Jeff Kinsella

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Textbooks: *One Trade, Many Careers, Project Book 1, Project Book 2, Project Book 3,*
Carpenters International Training Fund

Description: An introductory course covering the basics of carpentry and construction through completion of various projects. A strong emphasis will be placed on safety, including wearing proper clothing, hand/power tool safety, and safety in the shop/ on the jobsite

Objectives/ Goals: Upon successful completion of the class, students will be able to cut and join wood using a variety of tools and methods to create multiple projects, and have a working knowledge of construction concepts as they relate to careers in the skilled trades. Additionally, students who successfully complete project books are eligible to receive Career Connections certificates through the Carpenters International Training Fund, a valuable step towards gaining employment as a Union Carpenter.

Learning Objectives:

- 1) To introduce students to the wide variety of careers available to them as a carpenter.
- 2) To develop strong safety habits in the shop and on jobsites.
- 3) To gain knowledge of carpentry terms and definitions.
- 4) To successfully cut wood/lumber using various methods
- 5) To successfully join wood/lumber using a variety of methods

Grading Scale:

A: 100-90

B: 89-80

C: 79-70

D: 69-60

F: 59 and below

Grades:

Lab Participation- 60%

3 Exams-	20%
Chapter Quizzes-	10%
Bell Work-	5%
<u>Assignments-</u>	<u>5%</u>
Total	100%

Safety:

Safety is paramount in both the shop and classroom. Students must follow all established safety rules. This includes the wearing of safety glasses and other established PPE at all times. Failure to do so will result in decreased participation grades. Absolutely zero horseplay/disruptive behavior will be tolerated. These actions will be grounds for lower grades and possible further disciplinary action.

Maintenance:

All students are required to participate in classroom/ shop clean up, following guidelines established by the instructor. Clean up includes common areas, shop floor, and returning tools to their proper locations.

Attendance:

Attendance is crucial to the understanding of the course materials and objectives. Students are expected to attend each class session. It is the student's responsibility to obtain missed notes, handouts, announcements, and assignments. Any items turned in past the due date will be considered late. If an absence is unavoidable, please notify the instructor prior to the scheduled class. In the event of illness, please email the instructor. Unexcused absences/missed classes will factor into the student's final grade. For students starting the year remotely, attendance will be monitored by the participation in and submission of e-learning assignments or assessments.

The Use of Cell Phones is Not Permitted in the Classroom or Shop. No Exceptions. Use of cell phones will result in loss of participation points for the day.

Intellectual Honesty/Academic Honor Code:

Students are expected to maintain high standards of integrity and academic honesty at all times. Dishonest acts- plagiarism, cheating on tests/quizzes will not be tolerated. See Wilco Handbook for further information.

Intellectual Property:

Students are the sole owners/copyright holders to original work done in class. It is common for the school to use this work as tool for evaluation of the program and improvements to it. If a student does not wish for their work to be so used, inform the instructors.

Student Handbook:

All students are responsible for reading, understanding, and adhering to the Wilco student handbook, which can be found on the Wilco website.

Class Outline (Tentative)

1st Semester

Week 1: Intros, Rules/Safety, *OTMC* chapters 1-2

Week 2: *OTMC* chapters 3-5

Week 3: *OTMC* chapters 6-9

Week 4: Project Book 1 Chapters 1-7, Tote Box
(Chapters 1-6 cover safety and tools- to be gone over briefly to start and then again before their use on projects)

Week 5: Project Book 1 Chapter 8, Bird House

Week 6: Project Book 1 Chapter 9, Step Stool

Week 7/8: Project Book 1 Chapter 10, Bookcase

Week 8: Project Book 1 Chapter 11, Tool Box

Week 9: Project Book 2 Chapter 3, Saw Horse

Week 9/10: Project Book 2 Chapter 4, Picnic Table

Week 10-11: Project Book 2 Chapter 6, Shed

Week 12-14: Project Book 2 Chapter 7, Playhouse

Week 15/16: Project Book 3 Unit 1, Safety/Tool review, Print Reading

Week 17/18: Project Book 3 Unit 2, Site Layout. Shop Cleanup/Organization, Semester 1 Final Exam.

2nd Semester

Week 19: Project Book 3 Unit 3, Footing/Foundation Forms

Week 20: Project Book 3 Unit 4, Floor Framing

Week 21: Project Book 3 Unit 5, Wall Framing

Week 22: Project Book 3 Unit 6, Ceiling Framing

Week 23: Project Book 3 Unit 7, Roof Framing

Week 24: Project Book 3 Unit 8, Sheathing and Barriers

Week 25: Project Book 3 Unit 9, Doors and Windows

Week 26: Project Book 3 Unit 10/11, Installing Drywall/Finishing Drywall

Week 27: Project Book 3 Unit 12, Stair Framing

Week 28: Project Book 3 Unit 13, Interior Doors

Week 29: Project Book 3 Unit 14, Interior Trim

Week 30-36: Landscaping/ Sports Turf Management, Shop Cleanup/Organization, Final Exam

Covid-19

As of this time, there are no protocols/precautions in place regarding social distancing or wearing masks. However, a mask is recommended for this class as an additional PPE measure, as we are in an environment with dust, paint, and other particulate matter.

Thank you for your support and understanding, and I hope we have a great year!