

School District of Loyal

Carpentry

Grade: 11 & 12

Student Learning Targets



Class: Carpentry

Students who demonstrate understanding can:

WI State Standards	Standard:	Student Learning Targets:
AC1.c:	Demonstrate the safe and appropriate use of hand tools common to the residential and commercial construction industry.	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Demonstrate the safe and proper use of hand tools • Maintain and care for hand tools used in the construction industry • Identify hand tools by its proper name
AC1.d:	Demonstrate the safe and appropriate use of portable tools that are common to the residential construction industry and are appropriate to the individual student's level.	<p>Students will be able to</p> <ul style="list-style-type: none"> • Demonstrate the use of portable power tools such as circular saws, table saws, saber saws, drills, nail guns and sanders • Demonstrate pneumatic, electric and cordless portable tools in the construction industry
AC1.e:	Demonstrate project management procedures and processes as they occur in a construction project.	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Solve common residential construction problems such as framing, plumbing, and electrical, by using codes adopted by the state and local building standards commission
AC1.f	Demonstrate the value and necessity of practicing occupational safety in the construction industry facility and job site.	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Demonstrate OSHA 10 requirements • Apply OSHA 10 safety standards • Display competency in using ladders, scaffolding and other construction equipment

AC1.g	Demonstrate the variety of building phases, systems and techniques used in architecture and construction.	<p>Students will be able to:</p> <ul style="list-style-type: none"> ● Prepare a job site layout using common surveying equipment ● Explain the phases of residential construction
AC1.h	Demonstrate the impact of financial, technical, environmental, political, societal and labor trends on the past and future of the construction industry.	<p>Students will be able to:</p> <ul style="list-style-type: none"> ● Identify the skills and building techniques that are used to construct safe and efficient homes
AC1.a	Analyze construction requirements, materials, structures, techniques and maintenance.	<p>Students will be able to:</p> <ul style="list-style-type: none"> ● Analyze how homes are constructed using variety of processes and procedures ● Understand how structures can include prefabricated materials
AC1.b	Apply measurement systems in the planning and layout process used in the residential construction industry.	<p>Students will be able to:</p> <ul style="list-style-type: none"> ● Identify design solutions for residential construction problems ● Calculate required materials for residential construction projects ● Convert scaled blueprint drawing measurements to full dimensions for a given construction project