

Material ID#: 19845
Course# - Course Title: 8722010 - Carpentry 1

Stand Standard or Performance Skill	Curriculum	Module ID #	Module	Section #, Page # or Asset where covered	Direct Link to Asset (if applicable)	Notes/Comments
Strand 1 Standard 1 Use communication skills to effectively interact with others. • Understand when it is appropriate to listen and to speak. • Understand and follow verbal and written instructions for classroom and laboratory activities. • Reflect on assigned work and then communicate progress relative to completion. Standard 2 Effectively use teamwork to respectfully work with others. • Work with a team to complete assignments and projects. Standard 3 Use the critical thinking and problem-solving skills; reason, analyze, reflect, evaluate and interpret information to make judgements and decisions to solve problems. • Use generally accepted industry standards to analyze, evaluate, troubleshoot and diagnose the challenges associated with a specific repair, maintenance, or restoration project.	Agricultural Technology Level 2	93210	Equipment Operation, Inspection, and Readiness	1.0.0		Specific maintenance/inspection is also available in modules covering the given equipment type
Standard 4 Be dependable, reliable, steady, trustworthy and consistent in performance and behavior. • Set and meet goals on attendance and punctuality. • Prioritize, plan and manage work to complete assignments and projects on time. Standard 5 Be accountable for results. • Assure work quality by using industry standards for process, procedure and evaluation. • File a weekly/bi-weekly written report on progress toward completion of assignments and projects. Standard 6 Be familiar with the legal requirements and expectations of the course. • Be familiar with the course disclosure statement and all requirement for successful completion of the course. • Demonstrate workplace ethics.						
Standard 7 Demonstrate employment skills. • Build a job search network and find job leads. • Write a resume and create a job portfolio. • Write a letter of application. • Complete a job application. • Participate in an actual or simulated job interview. Performance Skills • Set and meet goals on attendance and punctuality. • File a weekly/bi-weekly written report on progress toward completion of assignments and projects. • Write a resume and create a job portfolio.						
Strand 2 Standard 1 Students will participate in an entrepreneurial, paid employment, research or exploratory focused work-based experience outside the classroom. Standard 2 Students are required to keep a personal record/journal/log of their work-based experience. Performance Skills Keep a personal record/journal/log of their work-based experience.						
Strand 3 Standard 1 Identification of and safety pertaining to Shear and Cutting Points. Standard 3 Identification of and safety pertaining to Wipe Points. Standard 4 Identification of and safety pertaining to Free-Wheeling Points. Standard 5 Identification of and safety pertaining to Pull-in Points. Standard 6 Identify the appropriate use of the ROPS (Roll-Over Protective Structure) on agricultural machinery.	Agricultural Technology Level 2	93207	Heavy Equipment Safety	3.0.0		
Standard 7 Discuss the importance of terrain in the operation of agricultural machinery. Performance Skills Identify shear and cutting points, pinch points, wrap points, free-wheeling points, and pull-in points on all types of agricultural machinery.	Agricultural Technology Level 2	93202	Heavy Equipment Safety	3.0.0		
Strand 4 Standard 1 Complete a student safety pledge (disclosure statement).	Agricultural Technology Level 2	93202	Heavy Equipment Safety	3.0.0		
Standard 2 Respond to first aid requirements as allowed by school policy. • Locate first aid kits and investigate their contents and discuss the use of the items as allowed by school policy. • Discuss appropriate safety responses in an accident or emergency. • Demonstrate the use of simple first aid in an accident with an injury. Standard 3 Follow safe practices. • Use appropriate PPE (Personal Protective Equipment) at all times. • Eliminate workplace practices that distract attention and create an unsafe environment; e.g. cell phones and other electronic devices.	Agricultural Technology Level 2	93202	Heavy Equipment Safety	3.0.0		
Standard 4 Perform housekeeping duties. • Keep personal workspace clean and work with others to clean and organize community space.	Agricultural Technology Level 2	93210	Equipment Operation, Inspection, and Readiness	2.0.0		
Standard 5 Successfully complete safety tests or demonstrations on equipment use and equipment safety. • Student will demonstrate an understanding of safe practices with 100% accuracy. Performance Skills • Use appropriate PPE (Personal Protective Equipment) at all times. • Keep personal workspace clean and work with others to clean and organize community space. • Demonstrate an understanding of safe practices with 100% accuracy.	Agricultural Technology Level 2	93202	Heavy Equipment Safety	1.0.0-4.0.0		
Strand 5 Standard 1 Students will be able to differentiate between different types and functions of autonomous systems. Standard 2 Students will be able to apply autonomous systems in agricultural applications.	Agricultural Technology Level 2	93209	Introduction to GPS/GNSS	3.0.0		
Standard 3 Students will be able to operate autonomous systems in agricultural applications. Performance Skills • Program and operate autonomous systems in agricultural application.	Agricultural Technology Level 2	93209	Introduction to GPS/GNSS	3.0.0		
Strand 6 Standard 1 Select agricultural machinery/equipment for repair/maintenance/restoration. • Analyze the process to make sure that it is cost effective to repair/maintain or restore the project. Standard 2 Interpret and analyze manuals, schematics or other resources required for the repair/maintenance/restoration of project.	Agricultural Technology Level 2	93210	Equipment Operation, Inspection, and Readiness	2.0.0		Specific maintenance/inspection is also available in modules covering the given equipment type
Standard 3 Develop a written estimate including itemization of parts, labor, time, and total cost. Standard 4 Prepare a parts list, parts order, and secure the parts. Standard 5 Develop a production schedule. Performance Skills • Develop a written estimate including itemization of parts, labor, time, and total cost. • Develop a production schedule.	Agricultural Technology Level 2	93210	Equipment Operation, Inspection, and Readiness	2.0.0		Specific maintenance/inspection is also available in modules covering the given equipment type
Strand 7 Standard 1 Demonstrate proper equipment and tool setup and usage. Standard 2 Diagnose, troubleshoot, and disassemble as needed.	Agricultural Technology Level 2	93210	Equipment Operation, Inspection, and Readiness	2.0.0		More specific material is also available in modules covering the given equipment type
Standard 3 Clean and evaluate parts for manufacturer specifications. Standard 4 Reflect on progress, evaluate next steps, and make adjustments relative to completion of project. Standard 5 Successfully complete the project. Performance Skills • Successfully complete the repair/maintenance/restoration of agricultural machinery/equipment.	Agricultural Technology Level 2	93210	Equipment Operation, Inspection, and Readiness	2.0.0		More specific material is also available in modules covering the given equipment type