

2024-2025 CTE Year-At-A-Glance

CTE Course: Ag Structure and Fabrication

Program of Study: Ag Mechanics

First Semester		Second Semester	
1 st 9 weeks August 13, 2024-October 10, 2024		3 rd 9 Weeks January 8, 2025-March 14, 2025	
1. Basic Shop safety 10.A.iii; 10.A.vi; 10.A.ix 14 days 2. Hand Tool ID & Terminology I 3.A.i; 3.A.ii; 3.A.iii; 3.A.iv 6 Days 3. Hand Tool ID Terminology II 3.A.i; 3.A.ii; 3.A.iii; 3.A.iv 5 days 4. Hand Tool ID & Terminology III 3.A.i; 3.A.ii; 3.A.iii; 3.A.iv 5 days 5. Large Metal Power Tools: Safety & Operation 9.B.i; 9.B.ii; 9.B.iii; 9.B.iv; 10.A.i; 10.A.iv; 10.A.vii 6 Days 6. Marking & Measuring Devices 3.C.i; 3.C.ii; 3.C.iii; 3.C.iv 5 days		Shielded Metal Arc Welding: 6010 Electrodes 9.E.i 23 Days Shielded Metal Arc Welding: 7018 Electrodes 9.E.i 23 Days - At this point students will be working hands on in the lab	
Certification Timeline 1 st 9 weeks Title of Certification: AWS Level 1 Certification Date Due: Click or tap to enter a date . Students should be halfway through certification material.		Certification Timeline 3 rd 9 Weeks Title of Certification: Click or tap here to enter text . Date Due: Click or tap to enter a date .	
2 nd 9 Weeks October 15, 2024-December 20, 2024		4 th 9 Weeks March 25, 2025-May 22, 2025	
7. Project Management Skills 7.B.i; 7.B.ii; 11.D.i; 11.D.ii; 11.E.i 14 Days 8. Oxy-Fuel Set-Up & Safety 9.C.i; 9.C.ii 5 Days 9. Oxy-Fuel Cutting 9.C.ii; 9.C.iv; 11.E.iii 10 days 10. Shielded Metal Arc Welding: Preparation & Safety 9.D.i; 9.D.ii; 10.A.ii; 10.A.v; 10.A.viii 14 Days		Shielded Metal Arc Welding: 6010 Electrodes and 7018 Electrodes 9.E.i 20 days Gas Metal Arc Welding: Equipment, Set-Up & Maintenance 9.D.i; 9.D.ii; 10.A.ii; 10.A.v; 10.A.viii 21 Days	
Certification Timeline 2 nd 9 Weeks Title of Certification: Aws level 1 Certifications Date Due: Click or tap to enter a date . 12/20/2024		Certification Timeline 4 th 9 Weeks Title of Certification: Click or tap here to enter text . Date Due: Click or tap to enter a date .	