

Welding CBE 2024-25 Schedule (2024-2025 Curriculum)

CBE On Campus: Flexible lab/class instruction where you complete assessments at a personalized pace.

Lab availability: Monday & Tuesday 7 am - 5 pm

Room PEM 111

● **614422 Intro To Industrial Welding**

● □ **314421 Welding Industrial**

● □ ◊ **324571 Welding Fabrication (Classes available upon request-please meet with your Counselor)**

Course Title	Credit Value	Catalog Number	6/3 - 7/30		7/8 - 7/30	
FALL Term 1244						
● Safety and Welding Fundamentals*	1	10442100	40615	40616		
● Precision Measurement and Layout*	1	31442351	40617	40618		
● Metal Manufacturing Processes*	1	31442350	40619	40620		
● SMAW-Flat Position (Stick)*	1	31442310	40621	40622		
● Welding Math Basics*	1	31442382	40623	40624		
● Weld Examination*	1	31442308	40625	40626		
● GMAW-Flat Position (Wire/Mig)*	1	31442320	40627	40628		
● GMAW-Horizontal Position (Wire/Mig)*	1	31442322	40629	40630		
● Weld Print 1 Print Fundamentals*	1	31442385	40631	40632		
● Flux Core Arc-Flat/Horizontal Position (Wire/Mig)*	1	31442324	40633	40634		
□ SMAW-Horizontal Position (Stick)*	1	31442312	40635	40636		
□ SMAW-Vertical Position (Stick)*	1	31442314	40637	40638		
□ SMAW-Overhead Position (Stick)*	1	31442316	40639	40640		
□ Flux Core Arc-Vertical/Overhead Position (Wire/Mig)*	1	31442326	40641	40642		
□ Welding Submerged Arc (SAW)*	1	31442304	40643	40644		
□ GTAW Mild Steel Flat/Horizontal Position*	1	31442330	40645	40646		
□ GTAW Mild Steel Out of Position (Heli-Arc/TIG)*	1	31442332	40647	40648		
□ GTAW Stainless/Aluminum Horizontal Position*	1	31442334	40649	40650		
□ GTAW Stainless/Aluminum Out of Position*	1	31442336	40651	40652		
□ Weld Print 2 Weld/Welding Symbols*	1	31442343	40653	40654		
□ Pipe Welding Fundamentals*	1	31442318	40655	40656		
□ Welding Advance Process 1*	1	31442340	40657	40658		
□ Welding Advance Process 2*	2	31442342	40659	40660		
□ Welding Fabrication Introduction*	1	31442357	40663	40664		
□ Interpersonal Skills*	1	31801361				
□ Workplace Fundamentals*	1	31801360				
Program Total	27					