MISSION STATEMENT AND STUDENT LEARNING OUTCOMES FOR:

Welding Technology

Review Year: 2024

Division:	Discipline/Program/Department:	Contact Person:
Technical Education	Welding Technology	**Corgan, Kevin**

Mission Statement

The mission of the Southwestern Illinois College Welding Technology Program is to prepare students for success and lifelong learning in the field of welding.

Program/Discipline Curriculum Map

I = Introduce: Student is first exposed to the concept/idea and is requested to apply the concept in a limited scope.
E = Emphasize: Student applies concept(s) in varying/multiple situations of greater complexity than when initially introduced.
R = Reinforce: Student may be expected to understand the concept upon taking the course and utilizes the concept in conjunction with other concepts/ideas to solve problems.

Program/Discipline Outcomes	***Course Prefix and Number***																							
Graduates of this program or discipline shall be able to:	WLDT 100	WLDT 101	WLDT 102	WLDT 106	WLDT 107	WLDT1	WLDT 201	WLDT 251	WLDT 252	WLDT 2	WLDT 254	WLDT25	WLDT 256	WLDT 260	WLDT 270	WLDT 299	WLDT 115*	WLDT 125*	WLDT 135*	WLDT 145*					
Maintain a safe, effective, and professional working environment.	I	I	I	I	R	R	R	R	R	R	R	R	R	R	R	R	I	R	R	R					
Demonstrate and apply the technical knowledge required for an entry level welder.	I	I	I	I	R	E	E	R	R	E	E	R	R	R	R	R	I	E	E	R					
Interpret technical drawings or prints that include welding symbols.				I	E			R			E	R	R												
Layout and fabricate projects based on drawings, sketches, or verbal instructions		I				E	E	ER	ER	ER		R					I	E	E	R					
Demonstrate welding and cutting skills that meet or exceed the requirements of an entry level welder.		I				E	E	ER	ER	ER				R	R	R	I	E	E	R					

Map Comments:

*COURSES NOTED ABOVE WTH AN ASTERISK ARE USED FOR APPRENTICESHIP PROGRAMS AND MAY ALSO BE USED AS TECHNICAL ELECTIVES OR COURSE SUBSTITUTIONS.

Core Competency Map

Core Competencies	***Course Prefix and Number***																							
Communication Skills	WLDT 100	WLDT 101	WLDT 102	WLDT 106	WLDT 107	WLDT1	WLDT 201	WLDT 251	WLDT 252	WLDT :	WLDT 254	WLDT:	WLDT 256	WLDT 260	WLDT 270	WLDT 299	WLDT 115*	WLDT 125*	WLDT 135*	WLDT 145*					
1. Computer Literacy			X																						
2. Oral Communications																									
3. Writing																									
Reasoning Skills																									
4. Critical Thinking																									
5. Quantitative Literacy			X																						
Citizenship																									
6. Personal Accountability			X																						
7. Civic And Social Accountability																									