



MISSION STATEMENT AND STUDENT LEARNING OUTCOMES FOR:

Welding Technology

Review Year: 2026

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	WLDT2	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	E	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			

[illegible]

Map Comments:

Core Competency Map

[illegible]