



MISSION STATEMENT AND STUDENT LEARNING OUTCOMES for Computer Aided Design

Review Year: 2026	Division: Technical Education	Discipline/Program/Department: Computer Aided Design	Contact Person(s): Bednara, Cynthia
-----------------------------	---	--	---

Mission Statement

The mission of the Computer-Aided Design program at Southwestern Illinois College is to provide the students with the knowledge and skills required to enter the workforce as a productive drafting technician. The program continually assesses student learning and makes necessary modifications in teaching methods as indicated to best prepare students for employment as a CAD technician.

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.

[illegible]

Communication Skills	
1. Computer Literacy	☐ ☐ ☐ ☒ ☒ ☒ ☐ ☒ ☒ ☒ ☐ ☐ ☒ ☐ ☒ ☒ ☒ ☒ ☒ ☐ ☐ ☐ ☐ ☐ ☒ ☒
2. Oral Communications	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒ ☒ ☐ ☒ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
3. Writing	☒ ☒ ☒ ☐ ☐ ☐ ☐ ☐ ☒ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒ ☒ ☒ ☐ ☐
Reasoning Skills	
4. Critical Thinking	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒ ☐ ☐ ☐ ☐ ☒ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
5. Quantitative Literacy	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Citizenship	
6. Personal Accountability	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
7. Civic And Social Account...	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒ ☒ ☒ ☐ ☐