

DESIGN & FABRICATION SKILLS CERTIFICATE [6822]

17 CREDIT HOURS



Program Offerings: With full time enrollment, you can complete this certificate entirely in either **Fall** (morning or evening options) or **Spring** (morning options) semesters.

The following recommended sequence is based on a part-time, 2-semester schedule beginning in the fall. See your academic advisor to adjust your plan of study.

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
ENGR 110	Engineering Graphics	3		
WELD 110	Introduction to Welding Processes (8W1)	3		
Program Electives [#]	Any course(s) from list below (3 hours needed)	3		
MFTG 115	Manufacturing Production & Processes		3	
MTT 101	Machining Skills		4	
TECH 171/172	OSHA Construction or General Industry Safety		1	
Total Credit Hours		9	8	

#Electives: 3 total hours needed. Choose any combination of the courses listed below. *CSCI 101 and TECH 114 also fulfill requirements for the Industrial Technology Core Certificate and AAS programs.*

- BUSN 145
- CAD 110
- CSCI 101, CSCI 110
- DMED 120, DMED 260
- ELTC 102, ELTC 103, ELTC 206, ELTC 212
- MAIN 101, MAIN 104, MAIN 201, MAIN 202, MAIN 220, MAIN 221, MAIN 222
- NETW 160, NETW 208
- REEC 110, REEC 120, REEC 140, REEC 240
- TECH 114, TECH 296, TECH 297, TECH 299
- WELD 116, WELD 217, WELD 218, WELD 219, WELD 220