

MANUFACTURING SKILLS CERTIFICATE (INDMG C272)

FCC	✓ LTC	OCC	WVC
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The Manufacturing Skills certificate program is a unique training program designed to provide students with enhanced industrial career opportunities. Students select from directed manufacturing electives to acquire technical training to enhance employment prospects.

<u>Requirements</u>	<u>Credit Hours</u>	<u>21</u>
DAP 1201 Business Computer Systems	3	
MAC 2203 Manufacturing Processes	3	
IND 1205 Manufacturing Observation	4	
Directed Manufacturing		
Focus Electives*	<u>11</u>	
Total Credit Hours		<u>21</u>

<u>Construction</u>	<u>Credit Hours</u>
CON 1205 Construction Intro & Safety	3
CON 1225 Construction I	6
CON 2298 Special Topics in Construction	V2
Construction Electives	

<u>Process Technology</u>	<u>Credit Hours</u>
PTT 1200 Intro to Process Technology	3
PTT 1202 OSHA Training	V3
PTT 1204 PTech Safety & the Environment	3
PTT 2201 PTech Equipment	4
PTT 2205 PTech Quality Control	3

*Students must complete 11 credits (minimum) from one of the following **DIRECTED MANUFACTURING FOCUS**

AREAS:

<u>Broadband Telecom</u>	<u>Credit Hours</u>
TEL 1201 IT Fundamentals	3
TEL 1266 Fundamentals of Telecom	3
TEL 2230 SIP & VOIP Technologies	3
TEL 2264 Introduction to Fiber Optics	4

<u>Welding</u>	<u>Credit Hours</u>
WEL 1201 Basic Welding	3
WEL 1206 Special Projects in Welding	3
WEL 1210 Gas Metal Arc Welding	2
WEL 1215 Shielded Metal Arc Welding I	2
WEL 1225 Blueprint Reading	4
WEL 1260 Combination Welding I	2

SUPERVISORY SKILLS CERTIFICATE (INDMG C273)

The Supervisory Skills certificate program provides students with effective skills in performance management, motivation, team development and time management.

<u>Requirements</u>	<u>Credit Hours</u>	<u>21</u>
BUS 1101 Introduction to Business	3	
BUS 1102 Managerial Effectiveness: Personnel	3	
BUS 2104 Business Economics OR		
ECN 2102 Principles of Microeconomics	3	
ENG 1212 Technical Writing ¹	3	
IND 2215 Supervisory Observation	3	
SOC 1108 Race and Ethnic Relations ^{1*}	3	
TQM 1206 Project Management	<u>3</u>	
Total Credit Hours		<u>21</u>

¹General Education Hours (6)

*This course satisfies the IECC human diversity requirement.