

INDUSTRIAL TECHNICIAN CERTIFICATES (INDS C546, C547, C548)

FCC	LTC	OCC	✓ WVC
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The Industrial Technician certificates, which are progressive certificates, prepare graduates to become technical and/or technical management-oriented professionals for employment or employment enhancement in manufacturing industries/businesses. These certificates represent an optional curriculum subset to the Industrial Studies degree program, which is an integrated curriculum designed to prepare students with a broad understanding of industrial manufacturing issues, concepts, and techniques.

INDUSTRIAL TECHNICIAN CERTIFICATE (INDS C546)

<u>Requirements</u>	<u>Credit Hours 15</u>
EDR 1202 Mechanical Blueprint Reading	4
MAN 1211 Industrial Electricity	4
WEL 1203 Practical Welding	4
Manufacturing Elective AND/OR	
Gunsmithing Elective	<u>3</u>
Total Credit Hours	15

INTER INDUSTRIAL TECHNICIAN CERTIFICATE (INDS C547)

<u>Requirements</u>	<u>Credit Hours 30</u>
CAD 1210 Computer Aided Drafting I	3
EDR 1202 Mechanical Blueprint Reading	4
MAC 1225 Internship OR Elective	V2-6
MAC 2231 Introduction to CNC	3
MAN 1204 Manuf Materials & Processes	4
MAN 1211 Industrial Electricity	4
MAN 1215 Mechanical Drives	3
WEL 1203 Practical Welding	4
Manufacturing Elective AND/OR	
Gunsmithing Elective	<u>3</u>
Total Credit Hours	30

ADV INDUSTRIAL TECHNICIAN CERTIFICATE (INDS C548)

<u>Requirements</u>	<u>Credit Hours 45</u>
CAD 1210 Computer Aided Drafting I	3
EDR 1202 Mechanical Blueprint Reading	4
MAC 1225 Internship	V2-6
MAC 2231 Introduction to CNC	3
MAN 1204 Manuf Materials & Processes	4
MAN 1211 Industrial Electricity	4
MAN 1215 Mechanical Drives	3
MAN 1221 Motors/Motor Controls	4
MAN 2211 Programmable Logic Controllers	4
MAN 2215 Robotics & Vision Systems	4
WEL 1203 Practical Welding	4
Manufacturing Elective AND/OR	
Gunsmithing Elective	<u>6</u>
Total Credit Hours	45

<u>Other Recommended Courses:</u>			
DEQ 1221	Hydraulics I		4
EGR 1298	Topics/Issues in Engineering	V1-6	