

KELLOGG COMMUNITY COLLEGE
INDUSTRIAL TECHNOLOGY
COURSE OPTIONS

FALL 2023

Certificate: 30 credits

Associate in Applied Science: 60 credits (combination of industrial technology, technical electives, and general education credit requirements)

All costs are subject to change without notice. Please call 269-965-4137 to verify.

Module Subject Code and Number	Module Title	Credit	Contact Hours	Lab Fees	Tuition	Total Cost
<input type="checkbox"/> INT C910-2201	IND TECHNOLOGY ORIENTATION The orientation must be completed at the EAC in Albion prior to registration. Please call 517-630-8169 to verify available orientation times.		2	0.00	0.00	0.00
UNIT 15 PRODUCT DESIGN ELEMENTS						
<input type="checkbox"/> INT 15010-2201	FUNDAMENTALS OF PRINT READING	0.92	22	77.00	247.94	324.94
<input type="checkbox"/> INT 15030-2201	ELECTRICAL PRINTS	0.29	7	77.00	78.16	155.16
UNIT TOTAL		1.21	29	154.00	326.10	480.10
UNIT 30 ELECTRO-MECHANICAL DEVICES, EQUIPMENT, AND SAFETY						
<input type="checkbox"/> INT 30010-2201	MANUFACTURING SAFETY	1.00	24	43.00	269.50	312.50
<input type="checkbox"/> INT 30020-2201	OSHA 10	0.92	22	31.00	247.94	278.94
<input type="checkbox"/> INT 30040-2201	ARC FLASH LOCKOUT TAGOUT	0.29	7	48.00	78.16	126.16
<input type="checkbox"/> INT 30060-2201	INTRO TO POWER TRANSMISSIONS	0.13	3	6.00	35.04	41.04
<input type="checkbox"/> INT 30070-2201	COUPLINGS	0.17	4	11.00	45.82	56.82
<input type="checkbox"/> INT 30080-2201	CLUTCHES AND BRAKES	0.33	8	10.00	88.94	98.94
<input type="checkbox"/> INT 30090-2201	FLAT BELT DRIVES	0.25	6	10.00	67.38	77.38
<input type="checkbox"/> INT 30100-2201	V BELT DRIVES	0.25	6	11.00	67.38	78.38
<input type="checkbox"/> INT 30110-2201	CHAIN DRIVES	0.25	6	13.00	67.38	80.38
<input type="checkbox"/> INT 30120-2201	SPEED REDUCERS	0.25	6	10.00	67.38	77.38
<input type="checkbox"/> INT 30130-2201	GEARS	0.25	6	6.00	67.38	73.38
<input type="checkbox"/> INT 30140-2201	LUBRICANTS AND LUBRICATION	0.17	4	6.00	45.82	51.82
<input type="checkbox"/> INT 30160-2201	OILS AND THEIR APPLICATIONS	0.08	2	3.00	21.56	24.56
<input type="checkbox"/> INT 30230-2201	BEARING INSTALLATION REMOVAL	0.50	12	8.00	134.75	142.75
<input type="checkbox"/> INT 30320-2201	HAND AND POWER TOOLS	0.67	16	26.00	180.57	206.57
UNIT TOTAL		5.51	132	242.00	1,485.00	1,727.00
UNIT 35 PROGRAMMING AND CONTROLS						
<input type="checkbox"/> INT 35010-2201	INTRODUCTION TO ROBOTICS	0.67	16	29.00	180.57	209.57
<input type="checkbox"/> INT 35020-2201	ROBOT PROGRAMMING	1.29	31	29.00	347.66	376.66
UNIT TOTAL		1.96	47	58.00	528.23	586.23
UNIT 40 MAINTENANCE SYSTEMS DESIGN AND DEVELOPMENT						
<input type="checkbox"/> INT 40020-2201	IND MAINTENANCE TROUBLESHOOTIN	0.92	22	138.00	247.94	385.94
<input type="checkbox"/> INT 40030-2201	PREVENTIVE PREDICTIVE MAINTEN	1.25	30	46.00	336.88	382.88
<input type="checkbox"/> INT 40120-2201	FACTS ABOUT AIR	0.33	8	23.00	88.94	111.94
<input type="checkbox"/> INT 40130-2201	AIR PREPARATION	0.33	8	13.00	88.94	101.94
<input type="checkbox"/> INT 40140-2201	AIR PIPING	0.33	8	23.00	88.94	111.94
<input type="checkbox"/> INT 40150-2201	PNEUMATIC ACTUATORS	0.33	8	13.00	88.94	101.94
<input type="checkbox"/> INT 40160-2201	PNEUMATIC VALVES	0.33	8	13.00	88.94	101.94
UNIT TOTAL		1.65	40	85.00	1,029.52	1,114.52
TOTAL		10.33	250	539.00	3,368.95	3,907.95

ASSESSMENTS

<input type="checkbox"/> *INT C450-2201	MSSC MAINTENANCE ASSESSMENT		1.5	80.00	0.00	80.00
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*Module(s) cannot be paid for using certain types of financial aid. Please direct all inquiries to the staff at the EAC registration desk.

FOR OFFICE USE ONLY

Instructor Approval _____ Date _____

Total Credit _____ Total Contact _____ Total Co _____