

KELLOGG COMMUNITY COLLEGE
INDUSTRIAL TECHNOLOGY
COURSE OPTIONS

SPRING 2022

Certificate: 30 credits (minimum requirement for certificate cannot be completed entirely at this location)
 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 C910-7201	IND TECHNOLOGY ORIENTATION The orientation must be completed at the RMTC in Battle Creek prior to registration. Please call 269.965.4137 to verify available orientation times.		2	0.00	0.00	0.00
UNIT 10 APPLIED SCIENCE AND MATERIALS						
<input type="checkbox"/> INT 10010-6250	PRINCIPLES OF FERROUS METALS	0.63	15	113.00	162.54	275.54
<input type="checkbox"/> INT 10020-6250	PRINCIPLES NON FERROUS METALS	0.63	15	83.00	162.54	245.54
<input type="checkbox"/> INT 10060-6250	STATICS AND DATA ACQUISITION	0.42	10	20.00	108.36	128.36
<input type="checkbox"/> INT 10070-6250	THERMODYN ENERGY HEAT TRANSFER	1.00	24	36.00	258.00	294.00
<input type="checkbox"/> INT 10080-6250	DYNAMICS FORCE AND MOTION	1.13	27	101.00	291.54	392.54
<input type="checkbox"/> INT 10090-6250	FLUIDS	0.33	8	10.00	85.14	95.14
UNIT TOTAL		4.14	99	363.00	1068.12	1431.12
UNIT 15 PRODUCT DESIGN ELEMENTS						
<input type="checkbox"/> INT 15030-6250	ELECTRICAL PRINTS	0.29	7	77.00	74.82	151.82
<input type="checkbox"/> INT 15040-6250	HYDRAULIC PNEUMATIC PRINT	0.29	7	17.00	74.82	91.82
<input type="checkbox"/> INT 15050-6250	WELDING PRINTS	0.08	2	17.00	20.64	37.64
<input type="checkbox"/> INT 15060-6250	PIPING PLUMBING PRINTS	0.21	5	17.00	54.18	71.18
UNIT TOTAL		0.87	21	128.00	224.46	352.46
UNIT 30 ELECTRO-MECHANICAL DEVICES, EQUIPMENT, AND SAFETY						
<input type="checkbox"/> INT 30010-6250	MANUFACTURING SAFETY	1.00	24	43.00	258.00	301.00
<input type="checkbox"/> INT 30020-6250	OSHA 10	0.92	22	31.00	237.36	268.36
<input type="checkbox"/> INT 30040-6250	ARC FLASH LOCKOUT TAGOUT	0.29	7	48.00	74.82	122.82
<input type="checkbox"/> INT 30050-6250	ELECTROMECHANICAL DEVICE EQUIP	1.08	26	88.00	278.64	366.64
<input type="checkbox"/> INT 30060-6250	INTRO TO POWER TRANSMISSIONS	0.13	3	6.00	33.54	39.54
<input type="checkbox"/> INT 30090-6250	FLAT BELT DRIVES	0.25	6	10.00	64.50	74.50
<input type="checkbox"/> INT 30100-6250	V BELT DRIVES	0.25	6	11.00	64.50	75.50
<input type="checkbox"/> INT 30110-6250	CHAIN DRIVES	0.25	6	13.00	64.50	77.50
<input type="checkbox"/> INT 30140-6250	LUBRICANTS AND LUBRICATION	0.17	4	6.00	43.86	49.86
<input type="checkbox"/> INT 30150-6250	ADDITIVES LUB ACT BEARING LUB	0.08	2	3.00	20.64	23.64
<input type="checkbox"/> INT 30160-6250	OILS AND THEIR APPLICATIONS	0.08	2	3.00	20.64	23.64
<input type="checkbox"/> INT 30170-6250	GENERAL SPECIAL PURPOSE GREASE	0.17	4	3.00	43.86	46.86
<input type="checkbox"/> INT 30190-6250	LUBRICATING SYSTEMS METHODS	0.13	3	3.00	33.54	36.54
<input type="checkbox"/> INT 30200-6250	LUBRICANT STORAGE AND HANDLING	0.08	2	3.00	20.64	23.64
<input type="checkbox"/> INT 30260-6250	RIGGING SAFETY WEIGHT ESTIMATE	0.13	3	17.00	33.54	50.54
<input type="checkbox"/> INT 30270-6250	RIGGING SAFETY WIRE ROPE SLING	0.13	3	17.00	33.54	50.54
<input type="checkbox"/> INT 30280-6250	RIG SAFETY FIBER ROPE SLINGS	0.38	9	17.00	98.04	115.04
<input type="checkbox"/> INT 30290-6250	RIGGING SAFETY CHAIN SLINGS	0.08	2	17.00	20.64	37.64
<input type="checkbox"/> INT 30300-6250	RIGGING SAFETY HOISTS CRANES	0.21	5	17.00	54.18	71.18
<input type="checkbox"/> INT 30310-6250	RIGGING SAFETY HAND SIGNALS	0.13	3	17.00	33.54	50.54
<input type="checkbox"/> INT 30320-6250	HAND AND POWER TOOLS	0.67	16	26.00	172.86	198.86
UNIT TOTAL		6.61	158	399.00	1705.38	2104.38
UNIT 40 MAINTENANCE SYSTEMS DESIGN AND DEVELOPMENT						
<input type="checkbox"/> INT 40010-6250	PRODUCTION PRODUCT HANDLING	0.58	14	113.00	149.64	262.64
<input type="checkbox"/> INT 40020-6250	IND MAINTENANCE TROUBLESHOOTIN	0.92	22	138.00	237.36	375.36
<input type="checkbox"/> INT 40030-6250	PREVENTIVE PREDICTIVE MAINTEN	1.25	30	46.00	322.50	368.50
UNIT TOTAL		2.75	66	297.00	709.50	1006.50

