

INDUSTRIAL MAINTENANCE TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE (INDMA D500)

FCC	LTC	✓ OCC	WVC
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The Industrial Maintenance Technology program is designed to train students for employment and advancement in today's technologically advanced industrial workplace. The program provides students with a progression of three certificates that lead to the degree and provides current industry employees the opportunity to complete course requirements while maintaining a work schedule. Coursework included in the degree may transfer to a four-year college or university.

The certificate and degree programs qualify graduates for machine maintenance positions or advancement in the industrial plant.

First Semester Credit Hours 18

INM 1200	Mechanics OR	V3
INM 1215	CPT Maintenance Awareness	V2
INM 1206	Intro. to Industrial Maint. Tech.	V2
INM 1210	Blueprints and Schematics OR	
INM 1213	CPT Quality	3
INM 2206	Programmable Controllers I	3
INM 2210	Occupational Safety (OSHA)	V1
INM 2228	Lean Manufacturing OR	
INM 1214	CPT Manufacturing Process	3
	Math Gen Ed Elective ¹	3

Second Semester Credit Hours 14

INM 1205	Fluid Power	V3
INM 1212	CPT Safety OR	
	Technical Elective	3
INM 2200	Electro-Mechanics I	V5
INM 2208	Programmable Controllers II	3

Third Semester Credit Hours 14

INM 2205	Electro-Mechanics II	V5
INM 2212	Programmable Controllers III	3
SPE 1111	Interpersonal Communications ¹ OR	
	Speech Elective ¹	3
	Humanities Gen Ed Elective ^{1*} OR	
	Social Science Gen Ed Elective ^{1*}	3

Fourth Semester Credit Hours 14

INM 2207	Robotics Technology	3
INM 2211	Mechatronics I	V5
	Communications Gen Ed Elective ¹	3
	General Education Elective ¹	<u>3</u>

Total Credit Hours 60

¹General Education Hours (15)

*Course must satisfy the IECC human diversity requirement.

OPERATIONS TECHNICIAN CERTIFICATE (INDMA C501)

Requirements Credit Hours 16

INM 1200	Mechanics	V3
INM 1206	Intro. to Industrial Maint. Tech.	V2
INM 1210	Blueprints and Schematics	3
INM 2210	Occupational Safety (OSHA)	V1
INM 2228	Lean Manufacturing	3
	Math Gen Ed Elective	<u>4</u>

Total Credit Hours 16

EQUIPMENT TECHNICIAN CERTIFICATE (INDMA C502)

Requirements Credit Hours 16

INM 1205	Fluid Power	V3
INM 2200	Electro-Mechanics I	V5
INM 2205	Electro-Mechanics II	V5
	Technical Elective	<u>3</u>

Total Credit Hours 16