

# Associate of Applied Science Computerized Manufacturing Technology – Electromechanical Technology Specialization



**PURPOSE:** The Electromechanical Technology Specialization of the Computerized Manufacturing Technology program trains students in various electrical, electronic, and mechanical components of systems and upon successful completion, awards the Associate of Applied Science Degree.

**PROGRAM REQUIREMENT:** Individual who have taken courses at career centers or other work related training programs may be able to obtain articulation credit for these courses. Dual enrollment classes have been developed at local vocational technical career centers and high schools.

## First Year

Fall Semester				
	DRF	160	Machine Blueprint Reading	3
	ELE	140	Basic Electricity & Machinery	4
	ITE	115	Intro To Computer Apps and Concepts	3
	MEC	120	Principles of Machines Technology	3
	MEC	155	Mechanisms	2
	MTH	105	Technical Mathematics I	2
	SDV	100	College Success Skills	1

Spring Semester				
	ENG	111	College Composition I	3
	ELE	156	Electrical Control Systems	3
	IND	137	Team Concepts & Problem Solving	3
	MEC	113	Materials and Processes of Industry I	4
	MEC	266	App of Fluid Mechanics	3
	MTH	106	Technical Mathematics II	2

## Second Year

Fall Semester				
	ETR	218	Ind. Electronics Circuits	4
	HLT/PED	Elective		1
	IND	101	Quality Assurance Tech	3
	IND	125	Installation and Preventive Maintenance	3
	MEC	205	Piping & Auxiliary Systems	3

Spring Semester				
	ELE	239	Programmable Controllers	3
	SAF	126	Industrial Safety	3
	HUM	Elective		3
	WEL	Elective		3
	SOC	Elective		3
<b>Total Minimum Credits for Degree</b>				<b>65</b>

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