

Academic requirements for the Associate of Applied Science Degree in Computer Integrated Manufacturing Technology (CIP 15.0613)

		<u>Credit Hours</u>
First Trimester		
ENGL 101	English Composition	3
MT 105	Manufacturing Concepts I	3
ELEC 101A	Basic Electronics – DC	3
ELEC 101L	Basic Electronics – DC Lab	2
MATH 121	College Algebra	<u>3</u>
Total First Trimester Credits:		14
Second Trimester		
MATH 123	Trigonometry	3
MT 115	Manufacturing Concepts II	3
ELEC 105A	Basic Electronics – AC	3
ELEC 105L	Basic Electronics – AC Lab	<u>2</u>
Total First Trimester Credits:		11
Third Trimester		
MATH 150	Advanced College Algebra	3
PHYS 151	General Physics	3
PHYS 151L	General Physics Lab	1
MT 201	AutoCAD and Blueprint Reading for Machine Trades	3
ENGL 119	Technical Communications	<u>3</u>
Total First Trimester Credits:		13
Fourth Trimester		
ELEC 118L	Electromechanical Control Devices Lab	3
MT 120L	Manufacturing Processes and Equipment	4
MT 211L	Introduction to CNC Programming & Lab	4
XXXX xxx	Humanities/Social Science/SPCH 130 Elective	<u>3</u>
Total First Trimester Credits:		14
Fifth Trimester		
ELEC 218L	Electromechanical Systems Lab	3
DDET 281	Statistical Process Control	3
MT 212L	Advanced CNC Programming & Lab	4
MT 247	Materials Science and Analysis	<u>3</u>
Total First Trimester Credits:		<u>13</u>
Total Credit Hours Required:		65