

**ASSOCIATE OF APPLIED SCIENCE – INDUSTRIAL TECHNOLOGY
GRADUATION REQUIREMENTS
(Suggested Schedule)**

			Credit Hours
<u>Fall Semester</u>			
MATH	0183	Intermediate Algebra or higher-level mathematics course	3
ELM	1064	Industrial Electricity	4
ELM	1074	Industrial Mechanics	4
ELM	1033	Industrial Diagrams	3
ELM	1012	Maintenance Welding	2
Exit: Industrial Equipment Repair Certificate of Proficiency			(16)
<u>Spring Semester</u>			
ELM	1054	Industrial Circuits & Controls	4
ELM	2084	Advanced Industrial Mechanics	4
ELM	1043	Pneumatics & Hydraulics	3
ENGL	1013	Composition I	3
CIS	1013	Introduction to Computer-based Systems or higher-level computer course	3
<u>Summer I Term</u>			
ELM	1023	Basic Machine Shop	3
COM	1102	Employability Skills/Ethics	2
Exit: Electromechanical Technology Technical Certificate			
<u>Fall Semester</u>			
EIT	2103	Industrial Electric Motors/AC Drives	3
EIT	1704	Solid State/Analog Circuits	4
EIT	2613	DC Controls	3
EIT	1123	Industrial Safety	3
<u>Spring Semester</u>			
EIT	2155	Programmable Logic Controls	5
EIT	2145	Instrumentation	5
EIT	1112	Precision Maintenance	2
EIT	2133	Basic Digital Technology	3
Exit: Electromechanical Instrumentation Technology Advanced Technical Certificate			
ENGL	1023	Composition II	3
		<u>One of the following courses:</u>	3
		PSY 1013 Introduction to Psychology	
		HIST 1013 Survey of Civilization I	
		HIST 1023 Survey of Civilization II	
		HIST 2213 American History I	
		HIST 2223 American History II	
		SOC 2213 Introduction to Sociology	
		PSCI 2213 American National Government	
Exit: Associate of Applied Science in Industrial Technology Degree			72