

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

			Credit Hours
<u>Fall Semester</u>			
MAT	2213	Advanced Industrial Mathematics	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	3
<u>Summer I Term</u>			
ELM	1023	Basic Machine Shop	3
COM	1102	Employability Skills/Ethics	2
Exit: Electromechanical Technology Technical Certificate			38
<u>Fall Semester</u>			
EIT	2104	Industrial Electrical Motors/AC Drives	4
EIT	2175	Industrial Automation/Robotics Concepts	5
EIT	2612	DC Controls	2
EIT	1122	Industrial Safety	2
<u>Spring Semester</u>			
EIT	2145	Instrumentation	5
EIT	1112	Precision Maintenance	2
EIT	2155	Programmable Logic Controls	5
<u>Summer I Term</u>			
EIT	2163	Advanced Instrumentation/Troubleshooting	3
Exit: Electromechanical Instrumentation Technology Advanced Technical Certificate			28
ENGL	1023	Composition II	3
<i>One of the following courses:</i>			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