

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

			Credit Hours
<u>Fall Semester</u>			
MATH	22163	Advanced Industrial Mathematics	3
ELTE	10604	Industrial Electricity	4
ELTE	10704	Industrial Mechanics	4
ELTE	10303	Industrial Diagrams	3
ELTE	10102	Maintenance Welding	2
Exit: Industrial Equipment Repair Certificate of Proficiency			16
<u>Spring Semester</u>			
ELTE	10504	Industrial Circuits & Controls	4
ELTE	20804	Advanced Industrial Mechanics	4
ELTE	10403	Pneumatics & Hydraulics	3
ENGL	10103	Composition I	3
ISYS	10133	Introduction to Computer-based Systems	3
<u>Summer I Term</u>			
ELTE	10203	Basic Machine Shop	3
COMM	11052	Employability Skills/Ethics	2
Exit: Electromechanical Technology Technical Certificate			38
<u>Fall Semester</u>			
ELTE	20104	Industrial Electrical Motors/AC Drives	4
ELTE	21705	Industrial Automation/Robotics Concepts	5
ELTE	26102	DC Controls	2
ELTE	11202	Industrial Safety	2
<u>Spring Semester</u>			
ELTE	21505	Programmable Logic Controls	5
ELTE	21435	Instrumentation	2
ELTE	11102	Precision Maintenance	5
<u>Summer I Term</u>			
ELTE	21603	Advanced Instrumentation/Troubleshooting	3
Exit: Electromechanical Instrumentation Technology Advanced Technical Certificate			28
ENGL	10203	Composition II	3
<u>One of the following courses:</u>			3
PSYC 11003 Introduction to Psychology			
HIST 21103 American History I			
HIST 21203 American History II			
HIST 11103 World History to 1500			
HIST 11203 World History Since 1500			
SOC1 10103 Introduction to Sociology			
PLSC 20003 American National Government			
Exit: Associate of Applied Science in Industrial Technology			72