

ASSOCIATE OF APPLIED SCIENCE IN ADVANCED MANUFACTURING TECHNOLOGY

GRADUATION REQUIREMENTS

(Suggested Schedule)

<u>Fall Semester</u>		Credit Hours
AMST10153	Introduction to Manufacturing	3
AMST10253	Industrial Safety for Manufacturing	2
AMST15252	Professional Behaviors	2
MATH22163	Advanced Industrial Mathematics	3
ISYS 10133	Introduction to Computer- based Systems	3
ENGL10103	Composition I	3
Exit: Manufacturing Principles Certificate of Proficiency		16
<u>Spring Semester</u>		
AMST10553	Electricity for Manufacturing	3
AMST10653	Manufacturing Equipment Maintenance & Operation	3
AMST10753	Print Reading, Tolerancing & Precision Measurement	3
AMST10453	Industrial Plant Processes	3
AMST19253	Advanced Manufacturing Applications	3
Exit: Industrial Production Technology		31

Technical Certificate

Fall Semester

AMST10353	Quality Management	2
AMST20353	Industrial Automation for Manufacturing	4
AMST20153	Circuits and Controls for Manufacturing	3
AMST20253	Fluid Control for Manufacturing	3

Spring Semester

AMST20452	DC Equipment & Controls	2
AMST20553	Environmental Protection Systems	3
AMST20653	Industrial Motors and Motor Control	3
AMST20753	Programmable Logic Controls for Manufacturing	3

**Exit: Advanced Manufacturing
Technology 54**

Technical Certificate

ENGL10203	Composition II	3
PLSC20003	American National Government	3

One of the following courses: 3

HIST 21103 American History I

**HIST 21203 American History
II**

**Exit: Associate of Applied
Science in
Advanced Manufacturing
Technology**

63