

Gateway **S.M.A.R.T.** Plan

Associate of Applied Science: Industrial Maintenance Technology

It is the ultimate responsibility of the student to stay current with the curriculum requirements. There may be course changes with future curriculum revisions that affect a change in course requirements listed on this sheet.

Pre-requisite Courses

None			
Courses	Cr	Grade	Offered
ELT 110 Circuits I	5		Fall/Spring
IMT 150 Maintaining Industrial Equipment	3		Fall/Spring
IMT 151 Maintaining Industrial Equipment Lab	2		Fall/Spring
Technical elective * (rec. ISX 101 Industrial Safety)	3		Fall/Spring
<i>Computer/Digital Literacy Course (CIT 105/OST 105) or Competency demonstrated by exam*</i>	3		All
<i>Quantitative Reasoning (rec. MAT 110, MAT 116, MAT 126 or higher level mathematics)</i>	3		All

Courses	Cr	Grade	Offered
EET 270 Electrical Motor Control I	2		Fall/Spring
EET 271 Electrical Motor Control I Lab	2		Fall/Spring
Technical Elective * (rec. EET 272 Electrical Motor Controls II)	2		Fall/Spring
Technical Elective * (rec. EET 273 Electrical Motor Controls II Lab)	2		Fall/Spring
WLD 152 General Welding -or- WLD 120/121 Shielded Metal Arc Welding and Lab	5		Fall/Spring
<i>Natural Science General Education course</i>	3		All

Courses	Cr	Grade	Offered
BRX 110 Basic Blueprint Reading for Machinist	2		Fall/Spring
Technical Elective * (rec. CMM 110 Fundamentals of Machine Tools - A)	3		Fall/Spring
Technical Elective * (rec. CMM 112 Fundamentals of Machine Tools - B)	3		Fall/Spring
FPX 100 Fluid Power	3		Fall/Spring
FPX 101 Fluid Power Lab	2		Fall/Spring
<i>ENG 101 Writing I</i>	3		All

Courses	Cr	Grade	Offered
Technical Elective * (rec. EET 276 Programmable Logic Controllers I)	2		Fall/Spring
Technical Elective * (rec. EET 277 Programmable Logic Controllers I Lab)	2		Fall/Spring
IMT 290 Capstone	1		TBA
<i>Heritage or Humanities General Education course</i>	3		All
<i>COM 181 Basic Public Speaking (or COM 252)</i>	3		All
<i>Social/Behavioral Science General Education course (rec. SOC 101)</i>	3		All

Note

*Other courses substituted at the discretion of the program coordinator (18 credit hours technical electives required). Progression in the Industrial Maintenance Technology program is contingent upon achievement of a grade of C or better in each technical course, and maintenance of a 2.0 cumulative grade point average or above (on a 4.0 scale)

Updated 8/29/17

