

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

Associate of Applied Science: MIT: Manufacturing Industrial Technology Industrial Electrician Track

I do understand that there may be course changes with future curriculum revisions that may affect a change in course requirements listed on this sheet.

Pre-requisite Courses

None			
Courses	Cr	Grade	Offered
EET 154 Electrical Construction I	2		Fall/Spring
EET 155 Electrical Construction I Lab	2		Fall/Spring
EET 252 Electrical Construction II	2		Fall/Spring
EET 253 Electrical Construction II Lab	2		Fall/Spring
ELT 110 Circuits I	5		Fall/Spring
Computer/Digital Literacy Course (CIT 105 or OST 105 or Competency demonstrated by exam)	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
EET 272 Electrical Motor Control II	2		Fall/Spring
EET 273 Electrical Motor Control II Lab	2		Fall/Spring
ENG 101 Writing I	3		All
Quantitative Reasoning (MAT 110, MAT 116, MAT 126 or higher level mathematics)	3		All

Courses	Cr	Grade	Offered
EET 264 Rotating Machinery	2		Fall/Spring
EET 265 Rotating Machinery Lab	2		Fall/Spring
EET 276 Programmable Logic Controllers I	2		Fall/Spring
EET 277 Programmable Logic Controllers I Lab	2		Fall/Spring
Social/Behavioral Science General Education Course	3		All
Natural Science General Education Course (rec. BIO 120)	3		All

Courses	Cr	Grade	Offered
EET 250 National Electric Code	4		Fall/Spring
EET 127 Electrical Technology Capstone	1		Fall/Spring
ELT 260 Robotics and Industrial Automation	5		Fall/Spring
Technical Elective* (rec. EET 150 Transformers + EET 151 Transformers Lab))	3		Fall/Spring
Heritage or Humanities General Education Course	3		All
Oral Communication General Education Course (rec. COM 181 or COM 252)	3		All

Notes

* Other courses may be substituted at the discretion of the program coordinator (10 credit hours technical electives required). Progression in the Electrical Technology program is contingent upon achievement of a grade of C or greater in each technical course (including those selected as technical electives) and maintenance of a 2.0 cumulative grade point average or above (on a 4.0 scale).

Updated 11/27/17

