

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

Associate in Applied Science: Energy Technologies

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.

Recommended Semester 1

Courses	Cr	Grade	Offered
Digital Literacy - CIT 105 Introduction to Computers or OST 105 Introduction to Office Systems (or Competency demonstrated by exam)	3		All
ELT 110 Circuits I	5		Fall/Spring
ETT 110 Voice and Data Installer Level I	4		Fall/Spring
ISX 101 Introduction to Industrial Safety	3		Fall/Spring

Recommended Semester 2

Courses	Cr	Grade	Offered
BAS 160 Introduction to Business	3		All
EET 150 Transformers	2		Fall/Spring
EET 151 Transformers Lab	1		Fall/Spring
ENG 101 Writing I	3		All
MAT 110 Applied Mathematics (or higher level Quantitative Reasoning course)	3		All

Recommended Semester 3

Courses	Cr	Grade	Offered
EGY 120 Outside Plant Communications	4		Fall/Spring
EGY 170 Energy Utility Technologies	4		Fall/Spring
Heritage or Humanities General Education course	3		All
Natural Science General Education course	3		All

Recommended Semester 4

Courses	Cr	Grade	Offered
Oral Communication General Education course	3		All
Social/Behavioral Science General Education course	3		All

Technical Electives Based on Certificates - choose 16 credit hours

Courses	Cr	Grade	Offered
ACR 170 Heat Load/Duct Design	3		Fall
EET 154 and EET 155 Electrical Construction I and Lab	4		Fall/Spring
EET 250 National Electrical Code	4		Fall/Spring
EET 252 and EET 253 Electrical Construction II and Lab	2		Fall/Spring
EGY 230 Solar/Photovoltaic Technology	4		Fall/Spring
EGY 240 Energy Efficiency and Analysis	4		Spring
ETT 116 Fiber Optics Systems	3		Fall/Spring

Notes

- Course substitutions are at the discretion of the program coordinator (16 credit hours technical electives required).



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- Progression in the program is contingent upon achievement of a grade C or greater in each course and maintenance of a 2.0 cumulative GPA or above (on a 4.0 scale).
- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.

Updated 4/27/20

