

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

## Associate of 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.

### Pre-requisite Courses

None

Courses	Cr	Grade	Offered
<i>Digital Literacy Course (CIT 105/OST 105) or Competency demonstrated by exam</i>	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		All

Courses	Cr	Grade	Offered
BAS 160 Introduction to Business	3		All
EET 150 Transformers	2		Fall/Spring
EET 151 Transformers Lab	1		Fall/Spring
<i>ENG 101 Writing I</i>	3		All
<i>Quantitative Reasoning (rec. MAT 110 or higher level mathematics)</i>	3		All

Courses	Cr	Grade	Offered
EGY 120 Outside Plant Communications	4		Fall/Spring
EGY 170 Energy Utility Technologies	4		Fall/Spring
<i>Heritage or Humanities General Education course</i>	3		All
<i>Natural Science General Education course (rec. PHY 171)</i>	3		All

Courses	Cr	Grade	Offered
<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

Technical Electives based on Certificates - choose 16 credit hours	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 Tehcnology	4		Fall/Spring
EGY 240 Energy Efficiency and Analysis	4		Spring
ETT 116 Fiber Optics Systems	3		Fall/Spring

### Note

\* Course substitutions are at the discretion of the program coordinator (16 credit hours technical electives required)  
 Progression in the Energy 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 9/5/18

