

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

Diploma: Industrial Electrician

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
Technical Elective(s)*	3		Fall/Spring
<i>Computer/Digital Literacy Course (CIT 105 or OST 105 or Competency demonstrated by exam)</i>	3		All

*If a student successfully tests out of Digital Literacy, he/she must take an additional Technical Course approved by the Electrical Program Coordinator

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
Technical Elective(s)* (rec. ELT 260 Robotic and Industrial Automation)	5		Fall/Spring
<i>Quantitative Reasoning (MAT 110, MAT 116, MAT 126 or higher level mathematics)</i>	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
Technical Elective(s)*	4		Fall/Spring

Courses	Cr	Grade	Offered
EET 250 National Electric Code	4		Fall/Spring
EET 127 Electrical Technology Capstone	1		Fall/Spring
Technical Elective(s)*	5		Fall/Spring
<i>General Education Course - Written or Oral Communication or Heritage/Humanities</i>	3		All

Required Scores: Algebra - 31 / Reading - 85 / Writing - 74

Notes

* Technical elective courses must be approved by the program coordinator

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 7/14/17



KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM