2022-2023 Catalog Addendum

ELECTRICAL ENGINEERING TECHNOLOGY AAS-T (106 CREDITS)

CIP Code

15.0303

6 quarter AAST

Required Course

Electrical Engineering Technology AAS-T (106 Credits)

ENGR& 111	Engineering Graphics I	5
ENGR& 112	Engineering Graphics II	5
AMATH 170	Engineering Foundational Mathematics	5
ETRIC 120	CAD Design Applications	5
ETRIC 121	Technical Communications with Lab	5
ETRIC 128	Electrical Math	5
ETRIC 147	Code Applications	5
ETRIC 148	Electrical Systems with Simulation	5
ETRIC 249	Project Management	5
ETRIC 250	Senior Project	5
ETRIC 251	Physics for Engineers with Lab	5
ETRIC 296	Work-Based Learning Experience	1 to 13 *
ETRIC 297	Work-Based Learning Seminar	2
ETRIC 291	Practical Applications	13

*Minimum 6 credits of ETRIC296 required

General Education Requirements are included in required courses.

Note: See a Career Advisor prior to choosing courses that meet general education requirements.

General Education Requirements

Communications (5 Credits Required)

ENGL& 101	English Composition I	5
ENGL& 235	Technical Writing	5

Humanities/Social Sciences/Natural Sciences/Other (15 Credits Required)

5 Credits required from Social Sciences/Humanities

10 Credits required from Natural Sciences, Lab courses of two disciplines

BIOL& 160	General Biology	5
BIOL& 175	Human Biology with Lab	5
BIOL& 241	Human Anatomy and Physiology I	5
BIOL& 242	Human Anatomy and Physiology II	5
BIOL& 260	Microbiology	5
CMST & 102	Introduction to Mass Media	5
CMST & 152	Intercultural Communication	5

CMST& 210	Interpersonal Communication	5
CMST& 220	Public Speaking	5
ECON& 201	Microeconomics	5
NUTR& 101	Intro to Nutrition	5
CHEM &121	General Chemistry	5
CHEM &131	Introduction to Organic/Biochemistry	5
CMST& 102	Introduction to Mass Media	5
CMST& 152	Intercultural Communication	5
CMST& 210	Interpersonal Communication	5
CMST& 220	Public Speaking	5
CMST& 230	Small Group Communications	5
CMST& 240	Culture & Diversity in Health Care	5
ECON& 201	Microeconomics	5
ECON& 202	Macroeconomics	5
HUM &101	Introduction to Humanities	5
PHYS &114	Introductory Physics I (Algebra based Physics)	5
PHYS &221	Engineering Physics I w/LAB	5
PHYS &222	Engineering Physics II w/LAB	5
PHYS &223	Engineering Physics III w/LAB	5
POLS &101	Introduction to Political Science	5
PSYC &100	General Psychology	5
PSYC &200	Lifespan Psychology	5
SOC &101	Introduction to Sociology	5

Quantitative (25 Credits Required) 10 Credits Required

MATH& 141	Precalculus I	5
MATH& 142	Precalculus II	5
MATH& 146	Statistics	5
MATH& 151	Calculus	5
MATH& 152	Calculus II	5
MATH& 107	Math in Society	5

Note: See a Career Advisor prior to choosing courses that meet general education requirements.