BUSINESS & TECHNOLOGY

Bachelor of Science in **Electrical Engineering Technology**

BS
124 Total Degree Credits Required

ARTS AND SCIENCES COMPONENT	Credit Hours
Communications *Must include* **6 credits** *in the Written English Requirement.*	9
Ethics	3
Humanities Elective	3
Social Sciences/History	9
Mathematics and Natural Sciences ■ Mathematics **12 credits** *at the level of College Algebra and above, including Calculus I and II and Differential Equations* ■ Natural Sciences *Physics I and II with at least one physics lab*	24
Arts and Sciences Electives	12
TOTAL ARTS AND SCIENCES COMPONENT	**60**

ELECTRICAL ENGINEERING TECHNOLOGY COMPONENT

Credit Hours

CORE REQUIREMENTS

DC Circuits
AC Circuits
Electronics I
Electronics II
Digital Electronics
Microprocessors
Computer Programming
Project Management
ELEC 495 Integrated Technology Assessment (capstone)①

CONCENTRATION REQUIREMENTS

One of the following concentrations must be declared (see catalog for concentration requirements):

Electronics
Nanotechnology
Power Systems

ELECTRICAL TECHNOLOGY ELECTIVES

LAB REQUIREMENT

*Seven labs are required*②

TOTAL TECHNOLOGY COMPONENT **16 credits** must be upper level, including **9 credits** in the concentration	**57**

FREE ELECTIVE COMPONENT

Credit Hours

FREE ELECTIVE COMPONENT Must include **1-credit** Information Literacy Requirement	**7**

① **ELEC 495 Integrated Technology Assessment** is the required capstone course and must be taken through Excelsior College. It cannot be transferred in.

② Seven technology labs are required. Four must be from the following:

DC Circuits	Electronics I
AC Circuits	Electronics II
Digital Electronics	Microprocessors

The other three must be in the concentration area.

bustech13-020; 1/2014