Bachelor of Science in Electrical Engineering Technology

124 CREDITS

ARTS AND SCIENCES COMPONENT

	CREDIT HOURS
▶ Communications Must include 6 credits in the Written English Requirement	9
▶ Humanities	3
▶ Ethics	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	24
Natural Science Physics I, Physics II, and Chemistry I with at least one physics lab	
▶ Arts and Sciences Electives	12
TOTAL CREDITS FOR ARTS AND SCIENCES COMPONENT	**60**

ELECTRICAL ENGINEERING TECHNOLOGY COMPONENT

		CREDIT HOURS
▶ Core Requirements		
DC Circuits	Microprocessors	
AC Circuits	Computer Programming	
Electronics I	Project Management	
Electronics II	ELEC 495 Integrated Technology Assessment (capstone)①	
Digital Electronics		
▶ Concentration Requirements One of the following concentrations must be declared (see page 33 for concentration requirements)		57
Electronics		
Nanotechnology		
Power Systems		
▶ Electrical Technology Electives		
▶ Lab Requirement Seven labs are required.②		
TOTAL CREDITS FOR TECHNOLOGY COMPONENT 16 credits must be upper level, including 9 credits in the concentration		**57**

FREE ELECTIVE COMPONENT

	CREDIT HOURS
TOTAL CREDITS FOR FREE ELECTIVE COMPONENT Must include 1-credit Information Literacy Requirement	**7**
TOTAL DEGREE CREDITS REQUIRED	**124**

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, AC Circuits, Digital Electronics, Electronics I, Electronics II, Microprocessors. The other three must be in the concentration area.