

BS in Electronic Engineering Technology

General Education Core 64 Credits

English and Communication

20 Credits

EN151	Rhetoric and Style	4	
EN152	Writing from Sources	4	
EN157	Practicle Research Writing	4	
EN166	Speech	4	
HM491	Senior Seminar	4	
		20	0

Mathematics and Science

20 Credits

MT155	Intermediate Algebra	4	
MT158	College Algebra	4	
MT160	Elementary Plane Trigonometry	4	
PH220	Engineering Physics	4	
PH221	Engineering Physics Laboratory	4	
		20	0

Behavioral Science and Humanities

20 Credits

EC202	Macroeconomics	4	
HM101	Humanities I	4	
HM279	East-West Signature Course	4	
PL101	Introduction to American Government	4	
SC101	Introduction to Sociology	4	
		20	0

Computer and Information Science

4 Credits

CI101	Computer Technology and Application	4	
		4	0

Cognitive or Supporting Field 28 Credits

Mathematics and Computer information Science

28Credits

CI105	Web Page Design	4	
CI215	Java I	4	
CI216	C#	4	
MT201	Calculus I	4	
MT202	Calculus II	4	
MT203	Calculus III	4	
MT221	Statistics	4	
		28	0

Elective Field 4 Credits

Elective

4 Credits

*		4	
		4	0

To be selected from Computer and Information and Science, Mathematics, Chemistry, Business, ENDT or Biology

Electronic Engineering Technology Major Area Courses (84 Credits)

Core Courses (60 credits)

36 Credits

DT103	Fundamentals of Drone Technology	4	
ET101	Basic Electronics	4	
ET102	Basic Electronics Workshop	4	
ET106	Circuit Analysis	4	
ET107	Circuit Analysis Laboratory	4	
ET150	Introduction to Digital Systems	4	
ET151	Digital Systems Laboratory	4	
ET155	Solid State Devices	4	
ET156	Solid State Devices Laboratory	4	
		36	0

Senior Preproject

4 Credits

ET492	Senior Project	4	
		4	0

Major Field of Concentration

44 Credits

Choose 44 credit hours with at least three 400 level courses from the following

DT202	Fundamentals of Aviation Engineering	4	
DT302	Drone Fabrication Engineering	4	
DT303	Drone Fabrication Engineering Lab	4	
DT485	Embedded Technology	4	
DT486	Embedded Technology Laboratory	4	
ET203	Fundamentals of Communication Engineering	4	
ET208	UNIX for Engineers	4	
ET270	Digital Curcuits I	4	
ET271	Digital Circuits Laboratory I	4	
ET290	Microcontrollers	4	
ET291	Microcontrollers Lab	4	
ET300	Filter Design	4	
ET301	Filter Design Laboratory	4	
ET303	Digital Communication Engineering I	4	
ET315	Integrated Circuits	4	
ET316	Integrated Circuits Laboratory	4	
ET320	Laser Fundamentals	4	
ET330	Industrial Electronics I	4	
ET364	RF Circuit Design and Applications II	4	
ET370	Digital Circuits II	4	
ET371	Digital Curcuits Laboratory II	4	
ET375	Environmental Electronics I	4	
ET378	Digital Signal Processing	4	
ET379	Digital Signal Processing Laboratory	4	
ET403	Digital Communications Engineering II	4	
ET420	Fiber Optics		
ET430	Industrial Electronics II	4	
ET475	Environmental Electronics II	4	
ET485	Embedded Technology	4	
ET486	Embedded Technology Laboratory	4	
MT430	Engineering Math	4	
		44	0

*50% of electives must be 300 or 400 level

Total Credits Required: 180

Total Credits Completed: 0

0