EAST WEST™ UNIVERSITY

BS in Electronics Engineering Technology

General Education Core (64 Credits)

English and Communication (20 Credits)

EN151	Rhetoric and Style	4	0
EN152	Writing from Sources	4	0
EN166	Speech	4	0
HM491	Senior Seminar	4	0
*		4	0

*one course from EN154, EN213, or EN214   **20**   **0**

Mathematics and Science (20 Credits)

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

Behavioral and Social Sciences and Humanities (20 Credits)

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

Computer and Information Science (4 Credits)

CI101	Computer Technology and Application	4	0
		4	**0**

Cognitive or Supporting Field (28 Credits)

Computer and Information Science (12 Credits)

CI105	Web Page Design	4	0
CI215	Introduction to JAVA	4	0
CI216	C#	4	0
		12	**0**

Mathematics (16 Credits)

MT201	Calculus I	4	0
MT202	Calculus II	4	0
MT203	Calculus III	4	0
MT221	Statistics	4	0
		16	**0**

Total 80 credit hours in Electronics courses

Core Courses (40 Credits)

ET101	Basic Electronics	4	0
ET102	Basic Electronics Workshop	4	0
DT103	Drone Technology	4	0
ET106	Circuit Analysis	4	0
ET107	Circuit Analysis Laboratory	4	0
ET150	Introduction to Digital Systems	4	0
ET151	Digital Systems Laboratory	4	0
ET155	Solid State Devices	4	0
ET156	Solid State Devices Laboratory	4	0
DT103	Fundamentals of Drone Technology	4	0
		40	**0**

Major Field of Concentration (40 Credits)

Choose 40 credit hours with at least three 400 level courses from the following:

ET203	Fundamentals of Communication Engineering	4	0
ET208	UNIX for Engineers	4	0
ET270	Digital Curcuits I	4	0
ET271	Digital Circuits Laboratory I	4	0
ET290	Microcontrollers	4	0
ET291	Microcontrollers Lab	4	0
ET300	Filter Design	4	0
ET301	Filter Design Laboratory	4	0
ET303	Digital Communication Engineering I	4	0
ET315	Integrated Circuits	4	0
ET316	Integrated Circuits Laboratory	4	0
ET320	Laser Fundamentals	4	0
ET330	Industrial Electronics I	4	0
ET364	RF Circuit Design and Applications II	4	0
ET370	Digital Circuits II	4	0
ET371	Digital Curcuits Laboratory II	4	0
ET375	Environmental Electronics I	4	0
ET378	Digital Signal Processing	4	0
ET379	Digital Signal Processing Laboratory	4	0
ET403	Digital Communications Engineering II	4	0
ET316	Integrated Circuits Laboratory	4	0
ET430	Industrial Electronics II	4	0
MT430	Engineering Math	4	0
ET475	Environmental Electronics II	4	0
DT202	Fundamentals of Aviation Engineering	4	0
DT302	Drone Fabrication Engineering	4	0
DT303	Drone Fabrication Engineering Lab	4	0
DT485	Embedded Technology	4	0
DT486	Embedded Technology Laboratory	4	0
		40	**0**

Senior Project (4 Credits)

ET492	Senior Project	4	0
		4	**0**

Elective Courses (4 Credits)

*		4	0
		4	**0**

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

Total Credits:		**180**	**0**