

Entry: Fall, Spring

Catalog: 2023-2024

• **Associate of Applied Science (AAS) 115 Credits**

FIRST QUARTER

COURSE	TITLE	CR
EEST 101	Electrical Safety	4
EEST 102	Applied Math	4
EEST 103	Electronics Principles I	5
BMST 105	Testing Equipment	5
BMST 106	Soldering	2

TOTAL CREDITS 20

SECOND QUARTER

COURSE	TITLE	CR
EEST 104	DC Electronics	4
EEST 105	AC Electronics	5
EEST 106	RLC Circuits	4
BMST 119	Medical Equipment Research I	1
BMST 217	Biomedical Instrumentation	5

TOTAL CREDITS 19

THIRD QUARTER

COURSE	TITLE	CR
EEST 107	Electronic Principles II	5
EEST 108	Electronic Devices I	4
EEST 223	Intro to Digital Systems	5
BMST 107	Schematics	3
	GEN ED - see advisor	5

TOTAL CREDITS 22

FOURTH QUARTER

COURSE	TITLE	CR
EEST 109	Electronic Devices II	4
EEST 207	Introduction to Networking	5
BMST 109	Applied Service I	3
BMST 218	Biomedical Equipment	3
BMST 219	Medical Equip Research II	2
	GEN ED - see advisor	5

TOTAL CREDITS 22

FIFTH QUARTER

COURSE	TITLE	CR
EEST 221	Electronic Principles – RFID	4
BMST 110	Applied Service II	2
BMST 201	Imaging Systems	3
BMST 215	Intro to Medical Terminology	3
	GEN ED - see advisor	5

TOTAL CREDITS 17

SIXTH QUARTER

COURSE	TITLE	CR
BMST 102	Blood Borne Pathogens	3
BMST 103	HIPAA	2
	Elective	5
	Elective	5

TOTAL CREDITS 15

ELECTIVES (10 Credits Required)

COURSE	TITLE	CR
BMST 220	BioMed Engrg. Application	5
	~OR~	
BMST 296	Work-Based Learning Exper.	1 to 13
BMST 291	Practical Applications	1 to 13
BMST 292	Independent Projects I	5
BMST 293	Independent Projects II	5
EEST 110	Intro to PLC	5
EEST 208	Intro to Embedded Controllers	5
EEST 224	Intro to Wireless Com.	4
EEST 225	Intro to Microprocessors	4