Articulation Matrix Savannah State University, College of Science and Technology and The Department of Engineering Technology With

Augusta Technical College, School of Aviation, Industrial, and Engineering Technology and The Department of Electrical and Computer Engineering Technology

Electronics Engineering Technology Bachelor of Science Degree

Augusta Technical College Course		Savannah State University Course	
Electrical & Computer Engineering Technology Electronics Engineering Technology (123 h		Electronics Engineering Technology (123 hours)	
(66 hours)			
General Core (23 hours)	Credit	t Area A-Essential Skills (9 hours)	
	Hours		Hours
Area I & Area III (6 hours)		Area A- Essential Skills (9 hours)	
ENGL 1101 Composition and Rhetoric (AI)	3	ENGL 1101/1101H Composition I	3
No equivalent Requirement (AI)	0	ENGL 1102/1102H/1102S Composition II	3
MATG 1111 college Algebra (AIII)	3	No Equivalent Required	0
MATH 1113 Pre-Calculus	3	MATH 1113 Pre-Calculus	3
		Area B-Institutional Options (5 hours)	
No Equivalent Requirement	0	AFRS 1501 Survey of the African American	3
		Experience	
No Equivalent Requirement	0	HUMN 1201-Critial Thinking & Communication	3
AREA IV (3 hours)		Area C- Humanities/Fine Arts (6 hours)	
ENGL 1110 World Literature	3	ENGL 2110 World Literature	3
ARTS 1101 Art Appreciation	3	ARTS 1101 Art Appreciation	3
HUMN 1101 Introduction to Humanities	3	HUMN 2011 Introduction to Humanities	3
MUSC 1101 Music Appreciation	3 MUSC 1101 Music Appreciation		3
Area III (11 hours)		Area D- Science, Math & Technology (11 hours)	
No Equivalent Requirement		Non-lab Science: (May also substitute lab	
		science)	
No Equivalent Requirement	0	BIOL 1107 Principles of Biology I	3
		BIOL 1108 Principles of Biology II	
		CHEM 1211 Principles of Chemistry I	
		CHEM 1212 Principles of Chemistry II	
		CISM 1130 Computer Applications	
		CSCI 1130 Computer Applications (Preferred)	
		ENVS 1140 Environmental Issues	
		Laboratory Science: Select two of the following	8
		lab sciences in sequence:	

PHYS 1112/1112L Introductory Physics II with Lab A BIOL 1108/1108L Principles of Biology II 4 hours CHEM 1211/1211L Principles of Chemistry 4 hours PHYS 1112/111L Principles of Chemistry 4 hours PHYS 1112K Introductory Physics I 4 hours PHYS 1112K Introductory Physics I 4 hours PHYS 1112K Introductory Physics I 4 hours PHYS 2211K Principles of Physics I 4 hours PHYS 2111 II World History I 4 (Area F) Area II (3 hours) Area II (4 hours) Ar	PHYS 1111/1111L Introductory Physics I with Lab	4	BIOL1107/1107L Principles of Biology I 4 hours	8
CHEM 1211/1211L Principles of Chemistry 4 hours CHEM 1212/1212L Principles of Chemistry 4 hours PHYS 1111K Introductory Physics I 4 hours PHYS 1111K Introductory Physics I 4 hours PHYS 1112K Introductory Physics I 4 hours PHYS 1112K Introductory Physics I 4 hours PHYS 2211K Principles of Physics I 4 hours PHS 2011L Lab Principles of Chemistry I 4 (Area F) Area II (3 hours) Select 2 of the following: AFRS 2000 Introduction to African Studies ANTH 1101 Introduction to Anthropology 3 hours SOCI 1101 Intro to Sociology ECON 2105 Principles of Macro-Economics 3 hours GEOG 1101 Introduction to Human Geography 3 hours GEOG 1101 Introduction to Human Geography 3 hours PHST 1111 World History Early Modern Times to Pres 3 hours POLS 2401 Global Issues 3 hours POLS 2401 Global Issues 3 hours POLS 2401 Global Issues 3 hours POLS 2401 Introduction to Sociology 3 hours SOCI 1101 Introduction to Sociology 3 hours		-	, , ,	0
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		Hours		Hours
Technology	ENGT 1000 Introduction to Engineering	3	COST 1103 Freshman Year	2
	Technology			
ECET 1101 Circuit Analysis I 4 ELET 3101K Electrical Circuit I 4	ECET 1101 Circuit Analysis I	4	ELET 3101K Electrical Circuit I	4
ECET 1191 Computer Fundamentals 3 CSCI 1301 Computer Science I 3	ECET 1191 Computer Fundamentals	3	CSCI 1301 Computer Science I	3
ECET 1110 Digital Systems I 4 ELET 3301K Digital Systems I 4	ECET 1110 Digital Systems I	4	ELET 3301K Digital Systems I	
Electronics Engineering Technology (EET) Credit Transfers As Credit	Electronics Engineering Technology (EET)	Credit	Transfers As	Credit
Specialization (21 hours) Hours Hours	Specialization (21 hours)	Hours		Hours
ECET 2110 Digital Systems II 4 ELET 3311K Digital Systems II 4	ECET 2110 Digital Systems II	4	ELET 3311K Digital Systems II	4
ECET 2120 Electronic Circuits I 4 ELET 3201K Electronics I 4	ECET 2120 Electronic Circuits I	4	ELET 3201K Electronics I	4
ECET 2220 Electronics II 4 ELET 3211K Electronics II 4	ECET 2220 Electronics II	4	ELET 3211K Electronics II	4

Instrumentation & Control Engineering	Credit	Transfers As	Credit
Technology	Hours		Hours
(ICET) Specialization (21 hours)			
ICET 2030 Programmable Logic Controller	4	ELET 4101K Programmable Logic Controller	4
^Required Courses			
**Technical Elective (Depends on Specialization- a			
required course in one specialization can be a			
technical elective for another)			
Technical Elective Options (4 hours) **	Credit	Transfers As	Credit
	Hours		Hours
DFTG 2010 Engineering Drafting	4	ENGT 2101 Computer Graphics (Area F)	3
Math 1131	4	Math 2101 (Area F)	4

Courses needed to complete the Electronics Engineering Technology Bachelor of Science degree. In addition to completing the areas A through F requirements at SSU, students need to complete 32 semester hours of major courses at Savannah State University.

Course Number	Course Name	Credit Hours
ENGT 3101	Statics	3
ELET 3411K	Micro Controllers	4
ELET 2511K	Electrical Machinery	4
ENGT 3701	Engineering Economy	3
ENGT 4401	Senior Project	3
ELET Option	ELET Option *	12
CSCI 3385	Computer Network & Design	3
OR	OR	
CSCI 3000	Data Structures	
	Total	32