Fall 2019/Spring 2020

ELECTRICAL ENGINEERING TECHNOLOGY

AAS degree program (Curriculum 699)

Faculty Members: Stephen Frempong, Rashid Aidun, David Hartle, Shahrokh Sani

First Semester

	Courses	Credit	Term	Grade
FYEP 101	First Year Experience	1	_____	_____
ELEC 101	Electric Circuits I	3	_____	_____
ELEC 109	Electric Circuits I Laboratory	1	_____	_____
ELEC 161	Electronic Fabrication	2	_____	_____
ENGL 101	Composition & the Spoken Word	3	_____	_____
MATH 123	Pre-Calculus Algebra	4	_____	_____
ENGS 102	Programming for Engineers	2	_____	_____
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Second Semester

ELEC 102	Electric Circuits II	3	_____	_____
ELEC 129	Electric Circuits II Laboratory	1	_____	_____
ELEC 141	Industrial Controls	2	_____	_____
ELEC 165	Digital Fundamentals & Systems	3	_____	_____
ELEC 166	Digital Fundamentals & Systems Lab	1	_____	_____
ENGL ___	*English (Literature)	3	_____	_____
MATH 161	Calculus I	4	_____	_____
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Third Semester

ELEC 231	Electronic Circuits	4	_____	_____
SOET 116	Intro to CAD and Design	2	_____	_____
ELEC 213	Microprocessors	3	_____	_____
ELEC 215	Electrical Energy Conversion	4	_____	_____
PHYS121/131	College *or* University Physics I	3	_____	_____
PHYS125/135	Physics Lab I	1	_____	_____
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Fourth Semester

ELEC 203	Engineering Technology Project	1	_____	_____
ELEC225/383	Telecommunications *or* Power Transmission & Distribution	3	_____	_____
ELEC 332	Industrial Power Electronics	3	_____	_____
ELEC 243	Automated Control Systems	2	_____	_____
PHYS122/132	College *or* University Physics II	3	_____	_____
PHYS 126/136	Physics Lab II	1	_____	_____
SOET 377	*Engineering Ethics	1	_____	_____
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***Suggested English Literature Electives:** ENGL203, 204, 205, 206, 109, 215, 216, 217, 225 or 295*

*Writing Intensive Course

Graduation Requirements: 64 Semester Credit Hours with a G.P.A. of 2.0 minimum

Name of student…….Certified for graduation (Yes/No)

SN……..Certified by……..Date…….

Class of……..Total G.P.A……