

Fall 2017/Spring 2018

ELECTRICAL ENGINEERING TECHNOLOGY

AAS degree program (Curriculum 699)

Fulltime Program Faculty Members: Robert Jennings, Stephen Frempong, Rashid Aidun, David Hartle

		<u>First Semester</u>		
<u>Courses</u>			<u>Credit</u>	<u>Term</u>
				<u>Grade</u>
FYEP 101	First Year Experience		1	_____
ELEC 101	Electric Circuits I		3	_____
ELEC 109	Electric Circuits I Laboratory		1	_____
ELEC 161	Electronic Fabrication		2	_____
ENGL101	Composition & the Spoken Word		3	_____
MATH 123	Pre-Calculus Algebra		4	_____
ENGS 102	Programming for Engineers		<u>2</u>	_____
			16	

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		<u>4</u>	_____
			17	

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 <u>or</u> University Physics I		3	_____
PHYS125/135	Physics Lab I		<u>1</u>	_____
			17	

Fourth Semester

ELEC 203	Engineering Technology Project		1	_____
ELEC225/383	Telecommunications <u>or</u> Power Transmission & Distribution		3	_____
ELEC 332	Industrial Power Electronics		3	_____
ELEC 243	Automated Control Systems		2	_____
PHYS122/132	College <u>or</u> University Physics II		3	_____
PHYS 126/136	Physics Lab II		1	_____
SOET 377	*Engineering Ethics		1	_____
			<u>14</u>	

****Suggested English Literature Electives: ENGL 109, 203, 204, 205, 206, 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.....

