Fall 2015

ELECTRICAL ENGINEERING TECHNOLOGY

AAS degree program (Curriculum 699)

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

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	_____	_____
ENGL102/101	Oral & Written Expression or Expository Writing [GER 10]	3	_____	_____
MATH 123	Pre-Calculus Algebra [GER 1]	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) [GER 7]	3	_____	_____
MATH 161	Calculus I [GER 1]	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	_____	_____
PHYS 121/131	**College *or* University Physics** I [GER 2]	3	_____	_____
PHYS 125/135	Physics Lab I [GER 2]	1	_____	_____
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Fourth Semester

ELEC 203	Engineering Technology Project	1	_____	_____
ELEC 225/383	**Telecommunications *or* Power Transmission & Distribution**	3	_____	_____
ELEC 332	**Industrial Power Electronics**	3	_____	_____
ELEC 243	Automated Control Systems	2	_____	_____
PHYS 122/132	**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, 209, 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……