North Carolina A&T State University, School of Technology
Department of Applied Engineering Technology (Fall 2012)
CURRICULUM GUIDE FOR APPLIED ENGINEERING TECHNOLOGY (0388)

FRESHMAN YEAR

First Semester	*Credit*	*Second Semester*	*Credit*
FRST 100 University Experience	1	Humanities Elective	3
ENGL 100 Ideas and Their Expression I	3	ENGL 101 Ideas and Their Expression II	3
MATH 111 College Algebra & Trig.	4	MATH112 Calculus for Non Math Maj.	4
AET 110 Blueprint Reading	3	AET 121 Computing Technology	3
AET 191 Intro to MFG Processes	3	OSH 201 Intro to Occ Safety & Health	3
Social Science Elective	3		
	17		**16**

SOPHOMORE YEAR

First Semester	*Credit*	*Second Semester*	*Credit*
PHYS225/235 College Physics I & Lab	4	PHYS226/236 College Physics II & Lab	4
Student Success Elective	1	HIST 202 African American History	3
AET 200 Tech – Seminar	2	SPCH 250 Speech Fundamentals	3
AET 232 MFG Planning & Management	3	AET 293 Power Technology	3
CHEM106/116 Chemistry	4	AET 276 Intro to PLC's	3
ECT 299 Electricity & Electronics	3		
	17		**16**

JUNIOR YEAR

First Semester	*Credit*	*Second Semester*	*Credit*
PSYC 320 Gen. Industrial Psych	3	MGMT 220 Business Environment	3
ACCT 203 Fundamental of Acct.	3	AET 270 Ind. Materials & Processes	3
AET 202 Parametric Modeling	3	AET 273 Numerical Controlled Machine	3
AET 281 Industrial Statistics/Probability	3	AET Specialization	3
AET Specialization	3	Free Elective	3
	15		**15**

SENIOR YEAR

First Semester	*Credit*	*Second Semester*	*Credit*
AET 395 Quality Control	3	AET 483 ERP Systems	3
AET 482 Six Sigma	3	AET 445 Project Management	3
AET 484 MFG Execution System	3	AET Specialization	3
AET Specialization	3	AET Specialization	3
AET Specialization	3	AET 496 AET Capstone Class	3
	15		**15**

Total Credit Hours: 126

Effective Fall 2012 **Provost Approved 5/30/2012**