ASSOCIATE OF APPLIED SCIENCE ELECTRONIC ENGINEERING TECHNOLOGY TO BACHELOR OF SCIENCE DEGREE IN ENGINEERING TECHNOLOGY, INTEGRATED ENGINEERING TECHNOLOGY CONCENTRATION

B.S. in Engineering Technology is offered through the Tuscarawas Campus*

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
Semester One: [12 Credit Hours] Columbus State Community College			
EET 1105 Basic DC Electronic Systems	3		EERT 12000 Electric Circuits I (Applied Elective)
EET 1115 Basic Digital Systems	3		EERT 22004 Digital Systems (Applied Elective)
ITST 1101 IT Fundamentals +	2		IT 1X000
ENGL 1100 Composition I	3		ENG 11011 College Writing I (KCP1)
COLS 1100 First Year Experience Seminar	1		TRAN 1X000
Semester Two: [13 Credit Hours] Columbus State Community College			
EET 1125 Basic AC Electronic Systems	3		EERT 12001 Electric Circuits II (Applied Elective)
EET 1135 Electronics Switching & Amplifier Systems	3		EERT 12010 Introduction to Electronics and EERT 22011 Electronic Systems (Applied Elective)
ITST 1123 A+ Cert, Managing/Troubleshooting PCs	3		IT 11009 Computer Assembly and Configuration
MATH 1148 College Algebra	4		MATH 11010 Algebra for Calculus (KMCR)
Semester Three: [9 Credit Hours] Columbus State Community College			
EET 1145 Data Communication Systems	3		EERT 1X000 (Applied Elective)
EET 2215 Adv Digital Systems (FPGA) Programming	3		EERT 2X000 (Applied Elective)
*HUM GE-Arts/Humanities Requirement*** ARCH2100 History of Architecture HART1201 History of Art I HART1202 History of Art II HIST1111 European History to 1648 HIST1112 European History Since 1648 HIST1151 American History to 1877 HIST1152 American History Since 1877 HIST1181 World Civ I Non Western to 1500 HIST1182 World Civ II Non Western Since 1500 HIST2223 African-American History I Before 1877 HIST2224 African-Amer History II Since 1877 HUM1100 Introduction to Humanities HUM1270 Comparative Religions MUS1251 Survey of Music History PHIL1101 Intro to Philosophy PHIL1130 Ethics	3		ARCH 2X000 (KFA) ARTH 22006 (KFA) ARTH 22007 (KFA) HIST 11050 (KHUM) (DIVG) HIST 11051 (KHUM) (DIVG) HIST 12070 (KHUM) (DIVG) HIST 12071 (KHUM) (DIVD) HIST 11050 (KHUM) (DIVG) HIST 11051 (KHUM) (DIVG) HIST 2X000 (KHUM) HIST 2X000 (KHUM) (DIVD) TRAN 1X000 (KHUM) TRAN 1X000 (KHUM) (DIVG) MUS 1X000 (KFA) PHIL 11001 (KUM) (DIVG) PHIL 21001 (KHUM) (DIVG)

Semester Four: [14 Credit Hours] Columbus State Community College			
EET 2225 Embedded Microcontroller Systems	3		EERT 22014 Microprocessors and Robotics (Applied Elective)
EET 2235 Data Acquisition Systems	3		EERT 2X000 (Applied Elective)
PHYS 1200 Introductory Algebra-Based Physics I	5		PHY 13001 General College Physics I and PHY 13021 General College Physics Laboratory I (KBS, KLAB)
ECON 2200 Principles of Microeconomics *(SBS GE-Social/Behavioral Sciences Requirement)*	3		ECON 22060 Principles of Microeconomics (KSS)
Semester Five: [14 Credit Hours] Columbus State Community College			
EET 2599 Capstone Experience in EET	3		ENGT 22009 Engineering Technology Project (Applied Elective)
PHYS 1201 Algebra-Based Physics II	5		PHY 13002 General College Physics II and PHY 13022 General College Physics Laboratory II (KBS, KLAB)
COMM 2204 Technical Writing	3		ENG 20002 Introduction to Technical Writing
COMM 1110 Small Group Communication	3	■	COMM 35600 Communication in Small Groups and Teams
62 Total Credit Hours to Graduate with the AAS Degree from Columbus State Community College			

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Semester Six: [16 Credit Hours] Kent State University			
EERT 32003 Technical Computing	3	■	
OTEC 26636 Project Management for Administrative Professionals	1		
ENGT 42003 Lean Manufacturing, Six Sigma and Operations Technology	3	■	
ENG 21011 College Writing II (KCP2)	3		@
MATH 11022 Trigonometry (KMCR)	3		@MATH 1149
Concentration Elective	3	■	
Semester Seven: [15 Credit Hours] Kent State University			
ENGR 36620 Project Management in Engineering and Technology	3	■	
MATH 11012 Intuitive Calculus (KMCR)	3		@MATH 1131
ENGR 33363 Materials Science and Technology	3	■	
ENGT 32006 Economic Decision Analysis	3	■	
Concentration Elective	3	■	
Semester Eight: [12 Credit Hours] Kent State University			
ENGR 33700 Quality Techniques	3	■	
ENGR 31010 Engineering and Professional Ethics	3	■	
Kent Core Humanities and Fine Arts (KHUM/KFA)**	3		@
Concentration Elective	3	■	
Semester Nine: [15 Credit Hours] Kent State University			
ENGR 31000 Cultural Dynamics Technology (DIVD) (WIC) Or ENGR 33092 Cooperative Education (ELR) (WIC)	3	■	
ENGR 43080 Industrial and Environmental Safety	3	■	
TAS 47999 Technical and Applied Studies Capstone (ELR)	3	■	
Kent Core Humanities and Fine Arts (KHUM/KFA)**	3		@
Kent Core Requirement (KSS- Not ECON)	3		@
120 Total Credit Hours to Graduate with the BS, including transfer coursework, from Kent State University			

@ Course may be taken at Columbus State Community College and transferred to Kent State. However, please be aware of Kent State's residence policy. Once an associate degree is earned, additional courses taken at CSCC may not be eligible for financial aid. Please see Financial Aid for details.

* Technical classes for the BS degree can be completed online. For more information, contact the Engineering Technology department.

** Minimum one course must be selected from the Humanities in Arts and Sciences (KHUM) area, and minimum one course must be selected from the Fine Arts (KFA) area.

Students must successfully complete one domestic diversity course (DIVD) and one global diversity course (DIVG). Please consult with a Kent State Academic Advisor.

Requirements to graduate with the BS degree program: To graduate, students must have minimum 120 credit hours, 39 upper-division credit hours of coursework, a minimum 2.0 major GPA and minimum 2.00 cumulative GPA. They must also fulfill an approved experiential learning experience, a two-course diversity requirement (domestic and global), complete a writing intensive course with a minimum C (2.000) grade. More specific graduation requirement information can be found in the Academic Policies section of the Kent State University Catalog (www.kent.edu/catalog).

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It is recommended that students intending to pursue the Bachelor of Science degree in Engineering Technology, 2+2 Integrated Engineering Technology through Kent State University consult with academic advisors at both Columbus State Community College and Kent State University.

Contact Information:

Columbus State Community College	Kent State University
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