

## AAS in Electrical/Electronic Engineering Technology, Electro-Mechanical Concentration to BS in Engineering Technology, Integrated Engineering Technology Concentration

BS in Engineering Technology is offered on-ground at the Tuscarawas Campus\*

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
<b>Semester One: [16 Credit Hours] Stark State College</b>			
SSC 101 Student Success Seminar	1		TRAN 1X000
CSE 122 Programming Logic and Problem Solving	3		CS 1X000
EET 120 DC Circuit Analysis	4		EERT 12000
ENG 124 College Composition	3		ENG 11011 College Writing I (KCP1)
MTH 135 Pre-calculus	5		MATH 11010 Algebra for Calculus (KMCR) and MATH 11022 Trigonometry (KMCR)
<b>Semester Two: [16 Credit Hours] Stark State College</b>			
EET 122 AC Circuit Analysis	4		EERT 12001 Electric Circuits II (Applied Elective)
MET 124 Statics and Strength of Materials	4		MERT 22005 Statics (Applied Elective)
EET 126 Electrical Machines	4		EERT 22006 Electrical Machines (Applied Elective)
PHY 121 College Physics I with Algebra (lab)	4		PHY 13001 General College Physics I and PHY 13021 General College Physics Laboratory I (KBS, KLAB)
<b>Semester Three: [19 Credit Hours] Stark State College</b>			
MET 227 Thermodynamics and Heat Transfer	3	■	MERT 42000 Thermodynamics for Engineering Technology (Conc. Elec.)
EET 123 Electronic Devices and Circuits	4		EERT 1X000 (Applied Elective)
EET 227 PLCs and Industrial Controls I	3	■	ENGR 33031 Programmable Logic Controllers (Conc. Elec.)
MET 123 Material Science	3		MERT 12005 Properties of Materials (Applied Elective)
ENG 221 Technical Report Writing	3		ENG 20002 Introduction to Technical Writing (KCP2)
DET 125 Basic AutoCAD	3		MERT 12001 Computer-Aided Design (Applied Elective)
<b>Semester Four: [14 Credit Hours] Stark State College</b>			
MET 228 Machine Design	4	■	MERT 32004 Machine Design (Conc. Elec.)
MET 226 Technical Project- Mechanical and Design	2		ENGT 23099 Engineering Technology Design Project
MET 225 Manufacturing Processes	3		MERT 12004 Manufacturing Processes (Applied Elective)
AIT139 Introduction to Robotics	2		ENGR 1X000 (Applied Elective)
Arts & Humanities Elective**	3		(KHUM/KFA)
<b>65 Total Credit Hours to Graduate with the AAS Degree from Stark State College</b>			

Course Subject and Title		Upper	Notes on Transfer Coursework to Kent State
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<b>Semester Five: [13 Credit Hours] Kent State University</b>			
EERT 32003 Technical Computing	3	■	
OTEC 26636 Project Management for Administrative Professionals	1		
ENGT 42003 Lean Manufacturing, Six Sigma and Operations Technology	3	■	
Kent Core Requirement (KHUM/KFA)**	3		@
Kent Core Social Science (KSS- Not Econ)	3		@
<b>Semester Six: [15 Credit Hours] Kent State University</b>			
ENGR 36620 Project Management in Engineering and Technology	3	■	
MATH 11012 Intuitive Calculus (KMCR)	3		@MTH221
ENGT 33363 Materials Science and Technology	3	■	
Kent Core Basic Science (KBS)	3		@
ENGT 32006 Economic Decision Analysis	3	■	
<b>Semester Seven: [12 Credit Hours] Kent State University</b>			
ENGR 33700 Quality Techniques	3	■	
ECON 22060 Principles of Microeconomics (KSS)	3		@BUS221
ENGR 31010 Engineering and Professional Ethics	3	■	
Kent Core Requirement (KHUM/KFA)**	3		@
<b>Semester Eight: [15 Credit Hours] Kent State University</b>			
ENGR 31000 Cultural Dynamics Technology (DIVD) (WIC) Or ENGR 33092 Cooperative Education (ELR) (WIC)	3	■	
ENGT 43099 Engineering Technology Capstone (ELR)	3	■	
ENGR 43080 Industrial and Environmental Safety	3	■	
General Elective	3		@ (If needed to reach 120 total credit hours)
General Elective	3		@ (If needed to reach 120 total credit hours)
<b>120 Total Credit Hours to Graduate with the BS, including transfer coursework, from Kent State University</b>			

@ Course may be taken at Stark State College and transferred to Kent State. However, please be aware of [Kent State's residence policy](#).

\* 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 2.000 major GPA and minimum 2.000 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](http://www.kent.edu/catalog)).

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

### ***Contact Information:***

#### **Kent State University**

Academic Partnerships  
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#### **Stark State College**

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