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
Semester One: [16 Credit Hours] Stark State College			
SSC101 Student Success Seminar	1		TRAN 1X000
CSE122 Programming Logic and Problem Solving	3		CS 1X000
EET120 DC Circuit Analysis	4		EERT 12000
ENG124 College Composition	3		ENG 11011 (KCP1)
MTH135 Precalculus	5		MATH 11010 (KMCR) and MATH 11022 (KMCR)
Semester Two: [16 Credit Hours] Stark State College			
EET122 AC Circuit Analysis	4		EERT 12001 (Applied Elective)
MET124 Statics and Strength of Materials	4		MERT 22005 (Applied Elective)
EET123 Electronic Devices and Circuits	4		EERT 12010 and EERT 22011 (Applied Elective)
PHY121 College Physics I with Algebra (lab)	4		PHY 13001 and PHY 13021 (KBS, KLAB)
Semester Three: [19 Credit Hours] Stark State College			
MET227 Thermodynamics and Heat Transfer	3	■	MERT 42000 (Conc. Elec.)
EET126 Electrical Machines	4		EERT 22006 (Applied Elective)
EET227 PLCs and Industrial Controls I	3	■	ENGR 33031 (Conc. Elec.)
MET123 Material Science	3		MERT 12005 (Applied Elective)
ENG221 Technical Report Writing	3		ENG 20002
DET125 Basic AutoCAD	3		MERT 12001 (Applied Elective)
Semester Four: [14 Credit Hours] Stark State College			
MET228 Machine Design	4	■	MERT 32004 (Conc. Elec.)
MET226 Technical Project- Mechanical and Design	2		ENGT 23099
MET225 Manufacturing Processes	3		MERT 12004 (Applied Elective)
AIT139 Introduction to Robotics	2		ENGR 1X000 (Applied Elective)
Arts & Humanities Elective**	3		(KHUM/KFA)
65 Total Credit Hours to Graduate with the AAS Degree from Stark State College			

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
Semester Five: [13 Credit Hours] Kent State University			
CS 10051 Computer Science Principles or EERT 32003 Technical Computing	3-4	■	
OTEC 26636 Project Management for Administrative Professionals	1		
ENGT 42003 Lean and Six Sigma for Competitive Manufacturing	3	■	
Kent Core Research Writing (KCP2)	3		@
Kent Core Social Science (KSS- Not Econ)	3		@
Semester Six: [15 Credit Hours] Kent State University			
ENGR 36620 Project Management in Engineering and Technology	3	■	
MATH 11012 Intuitive Calculus (KMCR)	3		@MTH221
ENGT 43363 Materials Science and Technology	3	■	
Kent Core Basic Science (KBS)	3		@
ENGT 32006 Economic Decision Analysis for Engineering Technology	3	■	
Semester Seven: [12 Credit Hours] Kent State University			
ENGR 33700 Quality Techniques	3	■	
ECON 22060 Principles of Microeconomics (KSS)	3		@BUS221
ENGT 31010 Engineering and Professional Ethics	3	■	
Kent Core Requirement (KHUM/KFA)**	3		@
Semester Eight: [15 Credit Hours] Kent State University			
ENGR 31000 Cultural Dynamics Technology (DIVD) (WIC) or ENGT 33092 Engineering Technology Internship and Professional Development (ELR) (WIC)	3	■	
ENGT 43099 Engineering Technology Capstone (ELR)	3	■	
ENGR 43080 Industrial and Environmental Safety	3	■	
Kent Core Requirement (KHUM/KFA)**	3		@
General Elective	3		@ (If needed to reach 120 total credit hours)
120-121 Total Credit Hours to Graduate with the BS, including transfer coursework, from Kent State University			

@ 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.

Graduation Requirements

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).

This information is provided solely for the convenience of the reader, and Kent State University expressly disclaims any liability which may otherwise be incurred. This publication is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, Kent State University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.

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

Stark State College
Frank Fuller, Ph.D.
Department Chair
(330) 494-6170, ext. 4636
ffuller@starkstate.edu

Kent State University
Academic Partnerships
pathways@kent.edu

Last Updated July 2025