

AAS, ENGINEERING TECHNOLOGY, INTEGRATED ENGINEERING TECHNOLOGY TO BS 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: [14 Credit Hours] North Central State College			
ELET 1510 DC Electricity	3		EERT 12000 Circuits I (Applied Elective)
ENGL 1010 English Composition I	3		ENG 11011 (KCP1)
ENGR 1010 Introduction to Engineering	2		EERT 1X000 (Applied Elective)
MATH 1110 College Algebra	4		MATH 11010 (KMCR)
MECT 1150 Fundamentals of Engineering Design	2		MERT 12000 Engineering Drawing
Semester Two: [17 Credit Hours] North Central State College			
ELET 1520 AC Electricity	3		EERT 12001 Circuits II (Applied Elective)
ENGL 1030 English Composition II	3		ENG 21011 (KCP2)
ENRD 2150 Computer Aided Design I	3		MERT 12001 Computer Aided Design (Applied Elective)
MATH 1130 Trigonometry	4		MATH 11022 (KMCR)
PHYS 1110 General Physics I	4		PHY 13001 (KBS) and PHY 13021 (KBS, KLAB)
Semester Three: [17 Credit Hours] North Central State College			
ECON 1010 Intro to Economics	3		ECON 1X000
ELET 1530 Digital Principles	4		EERT 22004 Digital Systems (Applied Elective)
MECT 2230 Engineering Materials	3		MERT 12005 Properties of Materials (Applied Elective)
MECT 2330 Statics	3		MERT 22005 Statics (Applied Elective)
PHYS 1130 General Physics II	4		PHY 13002 (KBS) and PHY 13022 (KBS, KLAB)
Semester Four: [16 Credit Hours] North Central State College			
CHEM 1030 Chemistry	3		CHEM 1X000 (KBS, KLAB)
ELET 2240 PLCs	3	■	ENGR 33031 (Concentration Elective)
ELET 2450 Electronics	3		EERT 12010 and EERT 22011 (Applied Elective)
HIST 1010 American History I or HIST 1030 American History II	3		HIST 12070 (KHUM) (DIVD) or HIST 12071 (KHUM) (DIVD)
MECT 2440 Strength of Materials	3		MERT 22007 Strength of Materials (Applied Elective)
MECT 2910 Mechanical Design Project	1		ENGT 22009 Engineering Tech Project (Applied Elective)

64 Total Credit Hours to Graduate with the AAS Degree from North Central State College

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
Semester Five: [14 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	■	
MATH 11012 Intuitive Calculus (KMCR)	3		
Concentration Elective	3	■	
General Elective	1		@ If needed to reach 120 total credit hours
Semester Six: [15 Credit Hours] Kent State University			
ENGR 36620 Project Management in Engineering and Technology	3	■	
ENGR 33363 Materials Science and Technology	3	■	
ENGT 32006 Economic Decision Analysis	3	■	
Concentration Elective	3	■	
Kent Core Humanities and Fine Arts (KHUM/KFA)**	3		@
Semester Seven: [15 Credit Hours] Kent State University			
ENGR 33700 Quality Techniques	3	■	
ENGR 31010 Engineering and Professional Ethics	3	■	
ENG 20002 Introduction to Technical Writing or OTEC 26638 Business Communications	3		
ECON 22060 Principles of Microeconomics (KSS)	3		@ECON1510
Kent Core Humanities and Fine Arts (KHUM/KFA)**	3		@
Semester Eight: [12 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 Requirement (KSS- Not ECON)	3		@
122 Total Credit Hours to Graduate with the BS, including transfer coursework, from Kent State University			

@ Course may be taken at North Central State Community 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 credits hours, 39 upper-division credits 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, Integrated Engineering Technology through Kent State University consult with academic advisors at both North Central State Community College and Kent State University.

Contact Information:

Kent State University

Academic Partnerships
Enrollment Management Operations & Administration
330-672-7341
pathways@kent.edu

North Central State College

College Transfer Center
<https://ncstatecollege.edu/transfer-center/>

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