AAS in Civil Engineering to BS in Engineering Technology, Integrated Engineering Technology Concentration

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

SUGGESTED SEQUENCE AT BELMONT COLLEGE		
Semester One	15 Credits	**KSU Equivalent**
FYE 1110 Student Learning and Success or FST 1116 Workplace Safety	1	TRAN 1X000
ECE 1120 CAD	4	MERT 12001 Computer-Aided Design (Applied Elective)
ECE 1170 Computing for Engineers	3	EERT 22016 Productivity Software for Industry (Applied Elective)
ENG 1110 Composition I	3	ENG 11011 College Writing I (KCP1)
MAT 1130 College Algebra	4	MATH 11010 Algebra for Calculus (KMCR)
Semester Two	19 Credits	**KSU Equivalent**
CHM 1110 Chemistry Principles I	4	CHEM 10060 General Chemistry I (KBS, KLAB)
ECN 1110 Macroeconomics	3	ECON 22061 Principles of Macroeconomics (KSS)
ECE 1160 Hydraulics & Hydrology	4	MERT 22012 Fluid Power (Applied Elective)
MAT 1140 Trigonometry	3	MATH 11022 Trigonometry (KMCR)
PHY 1110 Physics I	5	PHY 13001 General College Physics and PHY 13021 General College Physics Laboratory I (KBS, KLAB)
Semester Three	16 Credits	**KSU Equivalent**
COM 1110 Interpersonal Communications	3	COMM 20001 Interpersonal Communication
ECE 2121 Surveying	4	CMGT 31023 Construction Surveying (Concentration Elective)
ECE 2216 Statics	3	MERT 22005 Statics (Applied Elective)
ECE 2251 Construction Estimating	3	ENGT 2X000 (Applied Elective)
OT36 Arts and Humanities**	3	(KHUM/KFA)
Semester Four	15 Credits	**KSU Equivalent**
ECE 2221 Strength of Materials	3	MERT 22007 Strength of Materials (Applied Elective)
ECE 2241 Soil Mechanics	4	CMGT 42056 Soils and Materials (Concentration Elective)
ECE 2261 Environmental Science	3	ENGT 2X000 (Applied Elective)
ECE 2230 Engineering Materials/Concrete Design	3	MERT 12005 Properties of Materials (Applied Elective)
ECE 2282 Civil Engineering Capstone	2	MERT 22009 Engineering Technology Project (Applied Elective)
65 Total Credit Hours to Complete AAS from Belmont College		

* 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.

SUGGESTED SEQUENCE AT KENT STATE	
Semester Five	**13 Credits**
EERT 32003 Technical Computing	3
OTEC 26636 Project Management for Administrative Professionals	1
ENGT 42003 Lean Manufacturing, Six Sigma & Operations Technology	3
ENG 20002 Introduction to Technical Writing or OTEC 26638 Business Communications	3
MATH 11012 Intuitive Calculus @MAT 2110 + MAT 2112	3
Semester Six	**15 Credits**
ENGR 36620 Project Management in Engineering and Technology	3
ENGT 33363 Materials Science and Technology	3
ENGT 32006 Economic Decision Analysis for Engineering Technology	3
ENG 21011 College Writing II (KCP2) @	3
Kent Core Fine Arts (KFA)** @	3
Semester Seven	**15 Credits**
ENGR 33700 Quality Techniques	3
ENGR 31010 Engineering & Professional Ethics	3
ECON 22060 Principles of Microeconomics @	3
Concentration Elective (Upper-Division)	3
Kent Core Humanities (KHUM)** @	3
Semester Eight	**12 Credits**
ENGT 43099 Engineering Technology Capstone (ELR)	3
ENGR 31000 Cultural Dynamics of Technology (DIVD) (WIC) or ENGR 33092 Cooperative Education -Professional Development (ELR) (WIC)	3
ENGR 43080 Industrial and Environmental Safety	3
Kent Core Social Science – Not ECON (KSS) @	3
120 Total Credit Hours to Complete BS from KSU, Including Transfer Coursework	

@ Course may be taken at Belmont College and transferred to Kent State. However, please be aware of Kent State's residence policy.

** 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).

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 through Kent State University consult with academic advisors at both Belmont College and Kent State University.

Contact Information:

Kent State University

Academic Partnerships
330-672-7341
pathways@kent.edu

Belmont College

Ed Mowrer
740-695-9500 Ext. 1048
emowrer@belmontcollege.edu

Last Updated May 2022