



WSU Tech to Wichita State: Associate of Arts (AA) to Engineering Technology – Engineering Technology Management, Bachelor of Science in Engineering Technology (BSET) [E19A-ETM]

➡ General Education: Wichita State University Policy

	WSU Course	WSU Tech Course	CR	Grade	Sem/YR	Notes
Foundation Courses <i>Must be completed with a C- or better within the first 48 hours of college coursework.</i>	ENGL 101 College English 1	ENG 101 Composition I	3			
	ENGL 102 College English 2	ENG 120 Composition II	3			
	COMM 111 Public Speaking	SPH 101 Public Speaking	3			
	MATH 111 College Algebra	MTH 112 College Algebra	3			Students who place directly into trig or calculus I do not need college alg.
Divisional Courses	Fine Arts	ART, MUS, or THR	3			
	Humanities – PHIL 385	No Equivalent	3			300+ course
	Social/Behavioral Science – ECON 201	ECO 105 Principles of Macroeconomics	3			
	Math & Natural Science – MATH 242	MTH 125 Calculus I	5			
Additional Courses At least 9 hours must be numbered 300 or higher	Division I – MATH 243	MTH 150 Calculus II	5			M/NS. See Tech advisor for limited availability.
	Division II – WSUE 102A or ID 300	No Equivalent	3			S/BS. ID 300 recommended for transfer students. 300+ level course
	Any Division – PHYS 313/315	No Equivalent	5			300+ level course
	Any Division – IB 333	No Equivalent	5			300+ level course

NOTE: Students who have completed an AA or AS through a Kansas Community College may choose to fulfill general education requirements by completing two 300-level courses at Wichita State University.

➡ Math & Natural Science Requirements

	WSU Course	WSU Tech Course	CR	Grade	Sem/YR	Notes
May also be listed in gen ed section.	MATH 242 Calculus I	MTH 125 Calculus I	5			Gen Ed. P: MATH 123
	MATH 243 Calculus II	MTH 150 Calculus II	5			Gen Ed. See Tech advisor for limited availability.
	PHYS 313/315 Physics for Scientists I w/ Lab	No Equivalent	5			P/C: MATH 243
	PHYS 314/316 or CHEM 211	CHEM 125 Chemistry I	5			See advisor

➡ Non-Engineering Major Requirements

	WSU Course	WSU Tech Course	CR	Grade	Sem/YR	Notes
May also be in general education section.	ACCT 210 Financial Accounting	ACC 160 & ACC 170	3			P: see advisor
	BADM 161, 162, 163	CED 115	3			
	BLAW 431 Legal Environment of Business	No Equivalent	3			P: Jr standing
	DS 350 Intro to Prod & Op. Mgmt.	No Equivalent	3			P: Jr standing
	ECON 201 Principles of Macroeconomics	ECO 105 Principles of Macroeconomics	3			Gen Ed
	ECON 232 Statistical Software Apps	No Equivalent	3			P: MATH 111 and BADM 161-163
	HRM 466 Fund of HR Mgmt.	No Equivalent	3			P: Jr standing and MGMT 360
	IB 333 International Business	No Equivalent	3			Gen Ed. P: Jr standing
	ID 300 or WSUE 102A	No Equivalent	3			Gen Ed. ID 300 recommended for transfers.
	MGMT 360 Principles of Management	BUS 200	3			P: Jr standing
	MKT 300 Marketing	BUS 140 Marketing	3			P: BASC courses
	MIS 310 Fund. of Business App Dev. Or CS 211 Intro to Programming	No Equivalent	3			P: MATH 111, ENGT 322 & ENGT 222
	PHIL 385 Engineering Ethics	No Equivalent	3			Gen Ed. P: Jr/Sr standing

➡ Engineering Coursework

	WSU Course	WSU Tech Course	CR	Grade	Sem/YR	Notes
	ENGR 220 Applied Analog & Digital Electronic	No Equivalent	3			P: MATH 111
	ENGR 501 Engineering as a Leader <i>Spring only</i>	No Equivalent	3			P: Jr Standing

ENGT 201 Fundamentals of Engineering Tech.	No Equivalent	1			P: WSUE 102A or ID 300 or ENGR 302
IME 258/L Manuf. Methods & Materials I	No Equivalent	4			
ENGT 301 Intermediate Design Project	No Equivalent	2			P: ENGT 201
ENGT 312 Applied Statics <i>Spring Only</i>	No Equivalent	3			C: MATH 243 P: PHYS 213
ENGT 354 Statistical Process Control <i>Spring Only</i>	No Equivalent	3			P: MATH 243
ENGT 401 Senior Design Project I	No Equivalent	3			P: ENGT 201 or 301
ENGT 402 Senior Design Project II	No Equivalent	3			P: ENGT 401
ENGT 441 Analysis of Decision Processes <i>Spring Only</i>	No Equivalent	3			P: IME 255
ENGT 664 Engineering Project Management <i>Fall Only</i>	No Equivalent	3			P: IME 255 and ENGT 354

➡ Technical Electives

WSU Course	WSU Tech Course	CR	Grade	Sem/YR	Notes
Select 17 credit hours of technical electives preapproved by a faculty advisor. Please refer to the engineering technology (ET) website or consult with your ET advisor for current list of technical electives.		17			Students taking CS 211 as part of the core courses will need 16 credit hours of technical electives.

➡ Engineering+ Program requirements

Students must select 3 of the 7 options listed here to meet Engineering+ requirements.	Cooperative Education or Internship
	Entrepreneurship and Innovation
	Global Learning or Study Abroad
	Multidisciplinary Education
	Undergraduate Research
	Leadership
	Service Learning

Consult the Wichita State Undergraduate Catalog for detailed information and how to satisfy each Engineering+ option. Other information found at www.wichita.edu/engineering+

➡ AA Graduation Requirements

Earn credit for **60** cumulative hours.
 Earn a minimum of **15** hours at WSU.
 Earn a minimum of **48** hours in Liberal Arts and Sciences coursework.
 Complete all general education requirements.
 Maintain an overall, WSU and cumulative GPA of 2.00 or higher.

➡ BS in ET- Management Graduation Requirements

Earn credit for **120** cumulative hours.
 Earn credit in a minimum of **60** hours at a 4-year institution.
 Earn credit in a minimum of **45** hours of upper-division coursework.

Based on 2021-2022 Catalog

Complete all general education requirements.
 Maintain an overall, WSU, and program GPA of 2.00 or higher.
 At least 24 of last 30 or 50 of last 60 credit hours must be completed at WSU.

➡ Advising Resources

WSU Tech Academic Advisor:

Shelby Berry
 Phone: 316.677.1727
 Email: ssmith42@wsutech.edu

Engineering Technology Advising

Maria Lucas
 Partnership 2 building, A100
 Email: ETadvising@wichita.edu

WSU Returning Adult Specialist:

Jenna Randall
 Phone: 316.978.8406
 Email: jenna.randall@wichita.edu
ShockerPathway@wichita.edu

Engineering Technology Department

Wallace Hall, Room 300
 316-978-5910

➡ Connect with Shocker Pathway Resources

www.wichita.edu/academics/adult_learning/shocker_pathway.php

Instagram: ShockerPathwayWSU Twitter: @ShockerPathway Facebook: @WSUShockerPathway

➡ Suggested Course Sequence at WSU Tech for WSU Gen Ed Policy

	WSU Tech Course	CR	Prerequisite	Notes
WSU Tech Semester 1	ENG 101 Composition I	3	Entrance Score	If student places into Trig or Calculus I, student does not need to start w/ College Algebra. Math sequence should be top priority for Engineering students.
	MTH 112 College Algebra	3	Entrance Score	
	SPH 111 Public Speaking	3		
	ECO 105 Principles of Macroeconomics	3		
	Fine Arts	3		
WSU Tech Semester 2	ENGL 102 Composition II	3	Min C in ENG 101	Or ENG 120 at WSU Tech
	MATH 123 Trigonometry	3	Score or Min C in MTH 112	If student places into Trig or Calculus I, student does not need to start w/ College Algebra. Math sequence should be top priority for Engineering students.
	CED 115 Computer Applications	3		ID 300 suggested for transfers.
	CHM 125 Chemistry I	5		
	ORI 003 Shocker Pathway Transition	0		
WSU Semester 3	MATH 242 Calculus I	5	Min C in MATH 123	Or MTH 125 at Tech
	ID 300 or WSUE 102A	3		ID 300 recommended for transfers
	Technical Elective	3		
	IME 222/L Engineering Graphics/Lab	3	Min C in MATH 123	
Courses to Finish AA at WSU	MATH 243 Calculus II	5	Min C in MATH 242	
	PHIL 385 Engineering Ethics	3	Jr Standing	
	ECON 232 Statistical Software Applications	1	Min C in BADM 161-163& MATH 111	
	PHYS 313/315 Physics for Scientists w/ Lab	5	P/C: MATH 243	
	ENGR 220 Applied Analog and Digital Electronic	3	Min C in MATH 111	