

K-State at Salina and Pratt Community College

BS in Engineering Technology, Mechanical Engineering Technology Option CONSULT WITH PRATT COLLEGE ADVISOR OR ET DEPARTMENT FOR TRANSFER GUIDE UPDATE

Freshman Fall Semester

K-State at Salina ETA-MT		Credit hours	Pratt Community College Courses		Credit Hours
MET 111	Technical Graphics	3	WLD107	Computer Aided Drafting I	3
MET 121	Manufacturing Methods	3			
MATH 100	College Algebra	3	MTH178	College Algebra	3
MATH 151	Applied Plane Trigonometry	2	MTH183	Trigonometry (2/3)	2
CMST 110	Introduction to Visual Basic	3	CSC 138	Intro to Basic Programming Language	3
ENGL 100	Expository Writing I	3	ENG176	English Composition I	3
ETA 020	Engineering Technology Seminar	0		Waived for students with >=30 cr. hrs.	
TOTAL:		17	TOTAL:		14

Freshman Spring Semester

K-State at Salina ETA-MT		Credit hours	Pratt Community College Courses		Credit hours
MET 117	Mechanical Detailing	3	WLD207	Computer Aided Drafting II	3
MET 125	CNC Machine Processes	2			
CHM 110	General Chemistry	3	CHM176	Fund of Chemistry (4/5)	4
CHM 111	General Chemistry Lab	1			
PHYS 113	General Physics I	4	PHS251	General Physics I (4/5)	4
SPCH 105	Public Speaking IA	2	COM276	Public Speaking (2/3)	2
	Humanities/Social Science Elective	3		See advisor	3
TOTAL:		18	TOTAL:		16

Sophomore Fall Semester

K-State at Salina ETA-MT		Credit hours	Pratt Community College Courses		Credit hours
MET 231	Physical Materials & Metallurgy	3			
MET 252	Fluid Power Technology	3			
MATH 220	Analytic Geometry & Calculus I	4	MTH191	Analytic Geometry & Calculus I (4/5)	4
CET 211	Statics	3			
ECET 100	Basic Electronics	4		See Advisor	4
TOTAL:		17	TOTAL:		8

Sophomore Spring Semester

K-State at Salina ETA-MT		Credit hours	Pratt Community College Courses		Credit hours
MET 230	Automated Manufacturing Systems I	3			
MET 246	Dynamics of Machines	3			
MET 264	Machine Design Technology I	4			
MET 245	Materials Strength & Testing	3			
ENGL 302	Technical Writing	3			
TOTAL:		16	TOTAL:		0

Junior Fall Semester

K-State at Salina ETB-MT			Credit hours	Pratt Community College Courses		Credit hours
MET 314	Computer-Aided Design & Modeling	3				
MET 365	Machine Design Technology II	3				
ECET 304	Electric Power & Devices	3				
MATH 221	Analytic Geometry & Calculus II	4	MTH193	Analytic Geometry & Calculus II (4/5)		4
	Computer Systems Technology Elective	3				
TOTAL:			16	TOTAL:		4

Junior Spring Semester

K-State at Salina ETB-MT			Credit hours	Pratt Community College Courses		Credit hours
MET 346	Elements of Mechanisms	3				
MET 353	Fluid Mechanics	3				
MET 382	Industrial Instrumentation & Controls	3				
ENGL 200	Expository Writing II	3	ENG177	English Composition II		3
	Technical Elective	3				
TOTAL:			15	TOTAL:		3

Senior Fall Semester

K-State at Salina ETB-MT			Credit hours	Pratt Community College Courses		Credit hours
MET 462	Senior Design Project I	1				
MET 481	Automated Manufacturing Systems II	3				
PHYS 114	General Physics II	4	PHS252	General Physics II (4/5)		4
	Humanities/Social Science Elective	3		See advisor		3
	Upper Division Humanities/SS Elective	3				
TOTAL:			14	TOTAL:		7

Senior Spring Semester

K-State at Salina ETB-MT			Credit hours	Pratt Community College Courses		Credit hours
MET 464	Senior Design Project II	2				
MET 471	Thermodynamics & Heat Transfer	3				
	Technical Elective	3				
	Business Elective	3				
	Upper Division Humanities/SS Elective	3				
TOTAL:			14	TOTAL:		0

Total K-State associate degree hours: 68

Total Pratt CC hours transferred: 38

Total K-State bachelor's degree hours: 127

Total Pratt CC hours transferred: 52

Total upper-division hours: 45 (Boldfaced courses used to meet 45-hour requirement)

Notes:

- 45 hours must be upper-division coursework, 300-level and above
- One half or more of degree requirements must be earned at K-State or other 4-year institution
- At least 30 hours total, and at least 20 of the last 30 hours must be earned from K-State.
- University General Education (UGE) requirements apply. See advisor for details.
- See Pratt Transfer Equivalency page at http://www.k-state.edu/admit/dars/html_files/pratt_cc_ks.html

Contact Information:

- K-State at Salina Admissions Office: 1-800-248-5782 or 785-826-2640
- Engineering Technology Department: 785-826-2646
- <http://www.salina.k-state.edu/academics/engtech/met/>