

# K-State at Salina and Cloud County Community College

## BS in Engineering Technology, Mechanical Engineering Technology Option CONSULT WITH CLOUD COLLEGE ADVISOR OR ET DEPARTMENT FOR TRANSFER GUIDE I

### Freshman Fall Semester

K-State at Salina ETA-MT Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
MET 111	Technical Graphics	3	DR 101	Engineering Graphics I (3/5)	3
MET 121	Manufacturing Methods	3	DR114	Industrial Processes and Systems	3
MATH 100	College Algebra	3	MA 111	College Algebra	3
MATH 151	Applied Plane Trigonometry	2	MA 112	Trigonometry (2/3)	2
CMST 110	Introduction to Visual Basic	3	CS 110	Visual Basic.Net 1	3
ENGL 100	Expository Writing I	3	CM 101	English Composition I	3
ETA 020	Engineering Technology Seminar	0		Waived for students with $\geq 30$ cr. hrs.	
TOTAL:		17	TOTAL:		17

### Freshman Spring Semester

K-State at Salina ETA-MT Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
MET 117	Mechanical Detailing	3	DR 120	Machine Drafting	3
MET 125	CNC Machine Processes	2			
CHM 110	General Chemistry	3	SC 130	General Chemistry (4/5)	4
CHM 111	General Chemistry Lab	1			
PHYS 113	General Physics I	4	SC 140	College Physics I (4/5)	4
SPCH 105	Public Speaking IA	2	CM 115	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 Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
MET 231	Physical Materials & Metallurgy	3			
MET 252	Fluid Power Technology	3			
MATH 220	Analytic Geometry & Calculus I	4	MA 120	Analytic Geometry & Calculus I (4/5)	4
CET 211	Statics	3	SE 144	Statics	3
ECET 100	Basic Electronics	4			
TOTAL:		17	TOTAL:		7

### Sophomore Spring Semester

K-State at Salina ETA-MT Courses		Credit Hours	Cloud County 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 Courses			Credit Hours	Cloud County 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	MA 121	Analytic Geometry & Calculus II (4/5)		4
	Computer Systems Technology Elective	3	CS 109	Computer Programming C++		3
TOTAL:			16	TOTAL:		7

### Junior Spring Semester

K-State at Salina ETB-MT Courses			Credit Hours	Cloud County 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	CM 102	English Composition II		3
	Technical Elective	3				
TOTAL:			15	TOTAL:		3

### Senior Fall Semester

K-State at Salina ETB-MT Courses			Credit Hours	Cloud County 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	SC 141	College 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 Courses			Credit Hours	Cloud County 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 Cloud CCC Hours Transferred (AT)\*: 40**  
**Total K-State Bachelor's Degree Hours: 127**  
**Total Cloud CCC Hours Transferred (BS)\*\*: 57**  
**Total upper-division hours\*\*\*: 45** (Boldfaced courses used to meet 45-hour requirement)

#### Notes:

- At least 15 hours total, and at least 10 of the last 15 hours must be earned from K-State for an associate degree.
- \*\*At least 30 hours total, and at least 20 of the last 30 hours must be earned from K-State for a bachelor's degree.
- \*\*\*45 hours of a K-State bachelor's degree 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
- University General Education (UGE) requirements apply. See advisor for details.
- See Cloud County CC Transfer Equivalency page at [http://www.k-state.edu/admit/dars/states/kansas/cloud\\_cc.html](http://www.k-state.edu/admit/dars/states/kansas/cloud_cc.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/>

## UPDATES