

## K-State at Salina and Dodge City Community College

### Electronic and Computer Engineering Technology Transfer Planning Guide Consult with Dodge College Advisor or ET Department for Transfer Guide Updates

#### Freshman Fall Semester

K-State at Salina ETA-EC Courses		Credit hours	Dodge City Community College Courses		Credit Hours
ECET 100	Basic Electronics	4	ELC 103	Introduction to Electronics(4/5)	4
MATH 100	College Algebra	3	MATH 106	College Algebra	3
MATH 151	Applied Plane Trigonometry	2	MATH 110	Trigonometry (2/3)	2
ENGL 100	Expository Writing I	3	ENG 102	English Composition I	3
SPCH 105	Public Speaking IA	2	SP 100	Public Speaking (2/3)	2
ETA 020	Engineering Technology Seminar	0			
TOTAL:		14	TOTAL:		13

#### Freshman Spring Semester

K-State at Salina ETA-EC Courses		Credit hours	Dodge City Community College Courses		Credit hours
ECET 101	DC Circuits	3			
ECET 110	Semiconductor Electronics	4			
MATH 220	Analytic Geometry & Calculus I	4	MATH 120	Analytic Geometry and Calc. I	4
PHYS 113	General Physics I	4	PHYS 201	General Physics I and Lab	4
CMST 103	Introduction to Program Design	3	CS 111	Introduction to Computer Programming	3
TOTAL:		18	TOTAL:		11

#### Sophomore Fall Semester

K-State at Salina ETA-EC Courses		Credit hours	Dodge City Community College Courses		Credit hours
ECET 201	AC Circuits	4			
ECET 210	Linear Circuit Applications	4			
ECET 240	Electronic Manufacturing	3			
ECET 250	Digital Logic	4			
ENGL 302	Technical Writing	3			
TOTAL:		18	TOTAL:		0

#### Sophomore Spring Semester

K-State at Salina ETA-EC Courses		Credit hours	Dodge City Community College Courses		Credit hours
ECET 330	Industrial Controls	4			
CHM 110	General Chemistry	3	CHEM 100	General Chemistry	4
CHM 111	General Chemistry Lab	1			
ECET 350	Microprocessor Fundamentals	4			
CMST 250	Networking I	3	CIS 250	Networking	3
	Humanities/Social Science Elective	3		see Advisor	3
TOTAL:		18	TOTAL:		10

### Junior Fall Semester

K-State at Salina ETB-EC Courses			Credit hours	Dodge City Community College Courses		Credit hours
ECET 352	Digital Circuits & Systems	4				
CMST 302	Apps. in C for Engineering Technology	3	CIS 111	Intro to Comp. Prog. & C language lab		3
MATH 221	Analytic Geometry & Calculus II	4	MATH 221	Analytic Geom and Calc. II		4
	Science Elective	4	PHYS 203	General Physics II and Lab		4
TOTAL:			15	TOTAL:		11

### Junior Spring Semester

K-State at Salina ETB-EC Courses			Credit hours	Dodge City Community College Courses		Credit hours
ECET 320	Electronic Communication Systems	4				
ENGL 200	Expository Writing II	3	ENG 103	English Composition II		3
BUS 315	Supervisory Management	3				
	Humanities/Social Science Elective	3		see Advisor		3
	Humanities/Social Science Elective	3		see Advisor		3
TOTAL:			16	TOTAL:		9

### Senior Fall Semester

K-State at Salina ETB-EC Courses			Credit hours	Dodge City Community College Courses		Credit hours
ECET 421	Telecommunication Systems	4				
ECET 430	Network Analysis	3				
ECET 480	Electronic Design I	1				
	Technical Elective	3		see Advisor		3
	Upper Division Humanities/SS Elective	3				
TOTAL:			14	TOTAL:		3

### Senior Spring Semester

K-State at Salina ETB-EC Courses			Credit hours	Dodge City Community College Courses		Credit hours
ECET 420	Communication Circuits Design	4				
ECET 450	Digital Sys. & Computer Architecture	4				
ECET 481	Electronic Design II	2				
	Technical Elective	3				
	Upper Division Humanities/SS Elective	3				
TOTAL:			16	TOTAL:		0

**Total K-State associate degree Hours: 68**  
**Total Dodge City CC hours transferred (AT)\*: 34**  
**Total K-State bachelor's degree hours: 129**  
**Total Dodge City CC hours transferred (BS)\*\*: 57**  
**Total upper division hours\*\*\*: 46** (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 institut
- University General Education (UGE) requirements apply. See advisor for detail
- See Dodge City CC Transfer Equivalency page at [http://www.k-state.edu/admit/dars/states/kansas/dodge\\_c\\_cc.h](http://www.k-state.edu/admit/dars/states/kansas/dodge_c_cc.h)

#### Contact Information:

- K-State at Salina Admissions Office: 1-800-248-5782 or 785-826-264
- Engineering Technology Department: 785-826-264
- <http://www.salina.k-state.edu/academics/engtech/ece>