

K-State at Salina and Cloud County Community College

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

Freshman Fall Semester

K-State at Salina ETA-EC Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
ECET 100	Basic Electronics	4			
MATH 100	College Algebra	3	MA 111	College Algebra	3
MATH 151	Applied Plane Trigonometry	2	MA 112	Trigonometry (2/3)	2
ENGL 100	Expository Writing I	3	CM 101	English Composition I	3
SPCH 105	Public Speaking IA	2	CM 115	Public Speaking (2/3)	2
ETA 020	Engineering Technology Seminar	0		Waived for students with ≥ 30 cr. hrs.	
TOTAL:		14	TOTAL:		10

Freshman Spring Semester

K-State at Salina ETA-EC Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
ECET 101	DC Circuits	3			
ECET 110	Semiconductor Electronics	4			
MATH 220	Analytic Geometry & Calculus I	4	MA 120	Analytic Geometry & Calculus I	4
PHYS 113	General Physics I	4	SC 140	College Physics I	4
CMST 103	Introduction to Program Dsgn	3		see advisor	3
TOTAL:		18	TOTAL:		11

Sophomore Fall Semester

K-State at Salina ETA-EC Courses		Credit Hours	Cloud County 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	Cloud County Community College Courses		Credit Hours
ECET 330	Industrial Controls	4			
CHM 110	General Chemistry	3	SC 130	General Chemistry	4
CHM 111	General Chemistry Lab	1			
ECET 350	Microprocessor Fundamentals	4			
CMST 250	Networking I	3	CS 150	Fundamentals of Local Area Networks	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	Cloud County Community College Courses		Credit Hours
ECET 352	Digital Circuits & Systems	4				
CMST 302	Apps. in C for Engineering Technology	3	CS 109	Computer Programming C++		3
MATH 221	Analytic Geometry & Calculus II	4	MA 121	Analytic Geometry & Calculus II		4
	Science Elective	4	SC 141	College Physics II		4
TOTAL:			15			11

Junior Spring Semester

K-State at Salina ETB-EC Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
ECET 320	Electronic Communication Systems	4				
ENGL 200	Expository Writing II	3	CM 102	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	Cloud County 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
	Humanities/Social Science Elective	3		See advisor		3
TOTAL:			14	TOTAL:		6

Senior Spring Semester

K-State at Salina ETB-EC Courses			Credit Hours	Cloud County 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 Cloud CCC hours transferred (AT)*: 31
Total K-State bachelor's degree hours: 129
Total Cloud CCC 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 Cloud County CC Transfer Equivalency page at http://www.k-state.edu/admit/dars/states/kansas/cloud_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>