

K-State at Salina and Independence Community College

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

Freshman Fall Semester

K-State at Salina ETA-EC Courses		Credit hours	Independence Community College Courses		Credit Hours
ECET 100	Basic Electronics	4	IET1043	Basic Electricity and Electronics	4
MATH 100	College Algebra	3	MAT1023	College Algebra	3
MATH 151	Applied Plane Trigonometry	2	MAT1093	Plane Trigonometry (2/3)	2
ENGL 100	Expository Writing I	3	ENG1003	English Composition I	3
SPCH 105	Public Speaking IA	2	COM1203	Speech (2/3)	2
ETA 020	Engineering Technology Seminar	0			
TOTAL:		14	TOTAL:		14

Freshman Spring Semester

K-State at Salina ETA-EC Courses		Credit hours	Independence Community College Courses		Credit hours
ECET 101	DC Circuits	3			
ECET 110	Semiconductor Electronics	4			
MATH 220	Analytic Geometry & Calculus I	4	MAT1055	Analytic Geometry & Calculus II (4/5)	4
PHYS 113	General Physics I	4	PHS1055	General College Physics	4
CMST 103	Introduction to Program Design	3		see advisor	3
TOTAL:		18	TOTAL:		11

Sophomore Fall Semester

K-State at Salina ETA-EC Courses		Credit hours	Independence 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	ENG2023	Technical Writing	3
TOTAL:		18	TOTAL:		3

Sophomore Spring Semester

K-State at Salina ETA-EC Courses		Credit hours	Independence Community College Courses		Credit hours
ECET 330	Industrial Controls	4			
CHM 110	General Chemistry	3	PHS1015	General Chemistry & Lab (4/5)	4
CHM 111	General Chemistry Lab	1			
ECET 350	Microprocessor Fundamentals	4			
CMST 250	Networking I	3	EDP2033	Networking & Data Communication	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	Independence Community College Courses		Credit hours
ECET 352	Digital Circuits & Systems	4				
CMST 302	Apps. in C for Engineering Technology	3	EDP2023	C++ Programming		3
MATH 221	Analytic Geometry & Calculus II	4	MAT2025	Analytic Geometry & Calculus II (4/5)		4
	Science Elective	4	PHS1065	General College Physics II (4/5)		4
TOTAL:			15	TOTAL:		11

Junior Spring Semester

K-State at Salina ETB-EC Courses			Credit hours	Independence Community College Courses		Credit hours
ECET 320	Electronic Communication Systems	4				
ENGL 200	Expository Writing II	3	ENG1013	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	Independence 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	Independence 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 ICC hours transferred (AT)*: 38

Total K-State bachelor's degree hours: 129

Total ICC hours transferred (BS): 61**

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 detai
- See ICC Transfer Equivalency page at http://www.k-state.edu/admit/dars/states/kansas/independence_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>

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