

K-State at Salina and Barton County Community College

BS in Engineering Technology, Computer Systems Technology Option (Based on Barton's Associate of Science - Computer Science)

Consult with Barton College Advisor or ET Department for Transfer Guide Updates

Freshman Fall Semester

K-State at Salina ETA-CP Courses		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 102	Introduction to Computer Technology	3	BSTC 1001 PRGN 1007	Introduction to Computers and Foundations of Computer Science (3/6)	3
CMST 103	Introduction to Program Design	3	BSTC 1001 PRGN 1007	Introduction to Computers and Foundations of Computer Science (3/6)	3
MATH 100	College Algebra	3	MATH 1828	College Algebra	3
ENGL 100	Expository Writing I	3	ENGL 1204	English Composition I	3
BUS 251	Financial Accounting	3	ACCT 1616	Accounting 2	3
ETA 020	Engineering Technology Seminar	0		Waived for students with >= 30 cr. hrs.	
TOTAL:		15	TOTAL:		15

Freshman Spring Semester

K-State at Salina ETA-CP Courses		Credit Hours	Barton County Community College Courses		Credit Hours
	Level 1 Programming Language	3		See Level 1 programming electives (below)	
CMST 130	Introduction to PC Administration	3	NTWK 1052	PC Repair and Upgrade	3
CMST 135	Web Page Development	3	GRPH 1049	Web Site Construction	3
CMST 180	Introduction to Database Systems	3			
SPCH 105	Public Speaking 1A	2	COMM 1230	Public Speaking (2/3)	2
BUS 252	Managerial Accounting	3	ACCT 1618	Managerial Accounting	3
TOTAL:		17	TOTAL:		11

Sophomore Fall Semester

K-State at Salina ETA-CP Courses		Credit Hours	Barton County Community College Courses		Credit Hours
	Level 1 Programming Language	3		See Level 1 programming electives (below)	
	Level 2 Programming Language	3			
	Computer Technology Elective	3		See Computer Technology electives (below)	
CMST 250	Networking I	3	BSTC 1059	Introduction to Networking	3
ENGL 302	Technical Writing	3			
	Humanities/SS/Business Elective	3		See Advisor	3
TOTAL:		18	TOTAL:		6

Sophomore Spring Semester

K-State at Salina ETA-CP Courses		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 334	Computer Tech. Project Development	3			
	Computer Technology Elective	3		See Computer Technology electives (below)	
	Computer Technology Elective	3		See Computer Technology electives (below)	
	Science Elective	4		See Advisor	4
	Humanities/Social Science Elective	3		See Advisor	3
TOTAL:		16	TOTAL:		7

Junior Fall Semester

K-State at Salina ETB-CP		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 335	Web Development Programming I	3			
CMST 370	Applied Data Structures	3			
ENGL 200	Expository Writing II	3	ENGL 1206	English Composition II	3
MATH 151	Applied Plane Trigonometry	2	MATH 1830	Trigonometry (2/3)	2
	Upper Division Business Elective	3			
TOTAL:		14	TOTAL:		5

Junior Spring Semester

K-State at Salina ETB-CP		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 420	Advanced Database Systems	3			
	Advanced Computer Tech. Elective	3			
MATH 220	Analytic Geometry and Calculus I	4	MATH 1832	Analytical Geometry & Calculus	4
PHILO 105	Introduction to Critical Thinking	3			
	Upper Division Hum/SS Elective	3			
TOTAL:		16	TOTAL:		4

Senior Fall Semester

K-State at Salina ETB-CP		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 460	System Analysis & Design	3			
	Advanced Computer Tech. Elective	3			
STAT 325	Introduction to Statistics	3	MATH 1829	Elements of Statistics	3
PHILO 390	Business Ethics	3			
	Upper Division Hum/SS Elective	3			
TOTAL:		15	TOTAL:		3

Senior Spring Semester

K-State at Salina ETB-CP		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 462	Computer Technology Senior Project	3			
	Advanced Computer Tech. Elective	3			
	Science Elective	4			
	Upper Division Business Elective	3			
TOTAL:		13	TOTAL:		0

Total K-State associate degree hours: 66
Total Barton County CC hours transferred: 39

Total K-State bachelor's degree hours: 124
Total Barton County CC hours transferred: 51

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 BCCC Transfer Equivalency page at http://www.k-state.edu/admit/dars/html_files/barton_ccc.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/cst/>

Computer Technology Electives

K-State at Salina Courses		Credit Hours	Barton County Community College Courses		Credit Hours
			PRGM 1035	Game Programming	3
			PRGM 1029	Computer Organization	3
			NTWK 1060	Unix 1	3

Advanced Computer Technology Electives

K-State at Salina Courses		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 350	Unix Administration	3	NTWK 1061	Unix 2	3
CMST 315	Networking 2	3	NTWK 1050	Networking 1 AND	3
			NTWK 1058	Network Infrastructure (3/6)	
CMST 445	Network Security	3	NTWK 1070	Network Security 1	3
	Upper-Level Computer Tech. Elective	3	NTWK 1071	Network Security 2	3

Level 1 Programming Language Electives

K-State at Salina Courses		Credit Hours	Barton County Community College Courses		Credit Hours
			PRGM 1005	Basic Programming	3
CMST 245	C++ Programming 1	3	PRGM 1025	C Programming	3
CMST 247	Java Programming 1	3	PRGM 1030	Java Programming	3

Level 2 Programming Language Electives

K-State at Salina Courses		Credit Hours	Barton County Community College Courses		Credit Hours
CMST 310	Visual Basic Programming	3			
CMST 341	C++ Programming 2	3			
CMST 347	Java Programming 2	3			