

# K-State at Salina and Cloud County Community College

## Computer Systems Technology Transfer Planning Guide

**Consult with Cloud College Advisor or ET Department for Transfer Guide Updates**

### Freshman Fall Semester

K-State at Salina ETA-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
CMST 102	Introduction to Computer Technology	3		CS 100	Intro to Computer Science &	3
CMST 103	Introduction to Program Design	3		CS 175	Computer Science 1 (3/6)	
MATH 100	College Algebra	3		CS 100	Intro to Computer Science &	3
ENGL 100	Expository Writing I	3		CS 175	Computer Science 1 (3/6)	
BUS 251	Financial Accounting	3		MA 111	College Algebra	3
ETA 020	Engineering Technology Seminar	0		CM 101	English Composition 1	3
TOTAL:			15	BE 161	Accounting 1 and	3
				BE 162	Accounting 2 (3/6)	
				waived for students with $\geq 30$ cr. hrs.		
				TOTAL:		15

### Freshman Spring Semester

K-State at Salina ETA-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
CMST 247	Java Programming 1	3			See Level 1 substitutions (below)	3
CMST 130	Introduction to PC Administration	3				
CMST 135	Web Page Development	3		CS 104	Introduction to Website Design	3
CMST 180	Introduction to Database Systems	3				
SPCH 105	Public Speaking 1A	2		CM 115	Public Speaking (2/3)	2
BUS 252	Managerial Accounting	3		BE 161	Accounting 1 and	3
				BE 162	Accounting 2 (3/6)	
				waived for students with $\geq 30$ cr. Hrs.		
TOTAL:			17	TOTAL:		11

### Sophomore Fall Semester

K-State at Salina ETA-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
	Level 2 Programming Language	3				
	Computer Technology Elective	3			See Computer Tech. electives (below)	
	Computer Technology Elective	3			See Computer Tech. electives (below)	3
CMST 250	Networking I	3		CS 150 OR CS 240	Fund of LAN OR Network Technologies 1	3
<b>ENGL 302</b>	<b>Technical Writing</b>	<b>3</b>				
	Humanities/SS/Business Elective	3			See Advisor	3
TOTAL:			18	TOTAL:		9

### Sophomore Spring Semester

K-State at Salina ETA-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
<b>CMST 334</b>	<b>Computer Tech. Project Development</b>	<b>3</b>				
	Level 2 Programming Language	3			See Computer Tech. electives (below)	3
	Computer Technology Elective	3			See Computer Tech. electives (below)	3
	Science Elective	4			See Advisor	4
	Humanities/Social Science Elective	3			See Advisor	3
TOTAL:			16	TOTAL:		13

### Junior Fall Semester

K-State at Salina ETB-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
<b>CMST 335</b>	<b>Web Development Programming I</b>	<b>3</b>	CS 208	Database Driven Web Applications (3/4)	3	
<b>CMST 370</b>	<b>Applied Data Structures</b>	<b>3</b>	CS 185	Algorithms and Data Structures	3	
ENGL 200	Expository Writing II	3	CM 102	English Composition 2	3	
MATH 151	Applied Plane Trigonometry	2	MA 112	Trigonometry (2/3)	2	
	<b>Upper Division Business Elective</b>	<b>3</b>		See Advisor	3	
TOTAL:			14	TOTAL:		14

### Junior Spring Semester

K-State at Salina ETB-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
<b>CMST 420</b>	<b>Advanced Database Systems</b>	<b>3</b>				
	<b>Advanced Computer Tech. Elective</b>	<b>3</b>				
MATH 220	Analytic Geometry and Calculus I	4	MA 120	Analytic Geometry & Calculus 1 (4/5)	4	
PHILO 105	Introduction to Critical Thinking	3				
	<b>Upper Division Hum/SS Elective</b>	<b>3</b>				
TOTAL:			16	TOTAL:		4

### Senior Fall Semester

K-State at Salina ETB-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
<b>CMST 460</b>	<b>System Analysis &amp; Design</b>	<b>3</b>				
	<b>Advanced Computer Tech. Elective</b>	<b>3</b>				
STAT 320	Elements of Statistics	3	MA 114	Elementary Statistics	3	
<b>PHILO 390</b>	<b>Business Ethics</b>	<b>3</b>				
	<b>Upper Division Hum/SS Elective</b>	<b>3</b>				
TOTAL:			15	TOTAL:		3

### Senior Spring Semester

K-State at Salina ETB-CP Courses			Credit Hours	Cloud County Community College Courses		Credit Hours
<b>CMST 462</b>	<b>Computer Technology Senior Project</b>	<b>3</b>				
	<b>Advanced Computer Tech. Elective</b>	<b>3</b>				
	Science Elective	4		See Advisor	4	
	<b>Upper Division Business Elective</b>	<b>3</b>				
TOTAL:			13	TOTAL:		4

**Total K-State associate degree hours: 66**  
**Total Cloud County CC hours transferred (AT)\*: 36**  
**Total K-State bachelor's degree hours: 124**  
**Total Cloud County CC hours transferred (BS)\*\*: 61**  
**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\\_ccc.ht](http://www.k-state.edu/admit/dars/states/kansas/cloud_ccc.ht)

#### 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/cs>

**Computer Technology Electives**

K-State at Salina ETB-CP Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
			CS 119	Introduction to Unix/Linux	3
			CS 204	Advanced Website Design	3
				Others as approved by CMST Advisors	

**Advanced Computer Technology Electives**

K-State at Salina ETB-CP Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
CMST 315	Networking 2	3	CS 241	Network Technologies 2	3
			CS 214	Applications of Website Development	3

**Level 1 Programming Language Electives**

K-State at Salina ETB-CP Courses		Credit Hours	Cloud County Community College Courses		Credit Hours
	Lower Level Computer Elective	3	CS 110 CS 111	VB.Net 1 and VB.Net 2 (3/6)	3
			CS 109	Computer Programming C++	3

**Level 2 Programming Language Electives**

K-State at Salina ETB-CP Courses		Credit Hours	Cloud County Community College Courses		Credit Hours