

Department of Computer Systems Technology
Bachelor of Science in Information Technology
Major Code: 0432

Curriculum Guide

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
CST 101 (formerly ECT 101)	3	CST 112 (formerly ECT 211)	3
CST 130 (formerly ITT 420)	3	CST 122	1
ENGL 100	3	CST 140 (formerly ECT 201)	3
FRST 100	1	ENGL 101	3
MATH 110	4	FRST 101	1
Humanities & Fine Arts ¹	3	MATH 131	4
Semester Total	17	Semester Total	15
Sophomore Year: First Semester		Sophomore Year: Second Semester	
CST 231 (formerly ECT 231)	3	CST 225 (formerly ITT 325)	3
CST 240 (formerly ITT 240)	3	CST 235	1
MGMT 110 (formerly MGMT 220)	3	CST 285 (formerly ITT 185)	3
Humanities & Fine Arts ¹	3	SPCH 250	3
Scientific Reasoning with Lab ²	4	Scientific Reasoning ²	3
Semester Total	16	Social & Behavioral Sciences ¹	3
		Semester Total	16
Junior Year: First Semester		Junior Year: Second Semester	
CST 325 (formerly ITT 350)	3	CST 300 (formerly ITT 300)	3
CST 329 (formerly ITT 329)	3	CST 315 (formerly ITT 315)	3
CST 339	1	CST 317 (formerly ITT 317)	3
MATH 224	3	CST 430 (formerly ITT 430)	3
Social & Behavioral Sciences ¹	3	Track Elective ³	3
Track Elective ³	3	Semester Total	15
Semester Total	16		
Senior Year: First Semester		Senior Year: Second Semester	
CST 460 (formerly ECT 460)	3	CST 499 (formerly ITT 598)	3
CST 498 (formerly ECT 598)	3	Track Elective ³	3
Track Elective ³	3	Track Elective ³	3
Track Elective ³	3	Track Elective ³	3
Free Elective ⁴	3	Free Elective ⁴	3
Semester Total	15	Semester Total	15

Total Credit Hours: 125

¹General Education Electives HFA/SBS Electives: Of the 12 total credit hours required in the Social/Behavioral Sciences and Humanities/Fine Arts categories, at least 3 credit hours must be earned in courses with a Knowledge of African American Culture and History designation and at least 3 credit hours must be earned in courses with a Global Awareness designation. Refer to the University website for an up to date listing of acceptable courses.

²Scientific Reasoning Electives: Students must complete at least one lab-based science course. Refer to the University website for an up to date listing of acceptable courses.

³Track Electives – Track Electives (TE) – See next page for CST Track Electives.

⁴Free Electives – Any course at or above the 100 level may be taken as a free elective

MAJOR PROGRAM REQUIREMENTS

Students must earn a C or better in the following courses:

CST 101	CST 329
CST 130	CST 300
CST 112	CST 315
CST 140	CST 317
CST 231	CST 430
CST 240	CST 460
CST 225	CST 498
CST 285	CST 499
CST 325	

TRACK COURSE ELECTIVES

<i>Storage Technology</i>	<i>Computer Engineering Technology</i>
CST 305	CST 413
CST 306	CST 414
CST 405	CST 432
CST 406	CST 434
<i>Enterprise Computing</i>	<i>Wireless Systems</i>
CST 340	CST 350
CST 357	CST 450
CST 430	CST 465
CST 475	
<i>Mainframe Computing</i>	<i>High Performance Computing</i>
CST 340	CST 433
CST 346	CST 434
CST 347	CST 435
<i>Security & Networking</i>	<i>Power Technology</i>
CST 315	CST 314
CST 316	CST 355
CST 448	CST 445
CST 330	CST 481
<i>Information Management</i>	<i>Renewable Energy Technology</i>
CST 325	CST 383
CST 326	CST 384
CST 425	CST 483
CST 426	CST 484