

Computer Technology (CTEC) B.S.

Degree Requirements

Total Academic Credits:	120
Min. Cumulative GPA:	2.0
CTEC Core Requirements:	52

Tracks

Network Enterprise Infrastructure Track
 Internet and Multimedia Applications Track
 Data Science and Database Administration Track

Curriculum Notes

This sample plan assumes no Advanced Placement or Transfer Credits and Math Placement into MATH 141. Students must complete a credit-bearing English and Mathematics course in the first year of study. ***This sample plan is provided as a guide only.*** Students must meet with Academic and Faculty Advisors each semester for final approval of courses. The Academic Department makes all final decisions on course requirements for degree completion.

Year One

Fall Semester	Credits	Spring Semester	Credits
ENGL 101 Expository Writing	3	CTEC 214 Client Operating System	4
MATH 141 Precalculus I	3	CTEC 222 Unix Operating System	3
FRSE 101 Freshman Seminar	3	CTEC 226 Intro to Database Dev	3
CTEC 114 Computing Tools	3	CTEC 294 PC Architectures	3
CTEC 125 Intro to Visual Basic	3	MATH 215 Elements of Calculus	4
Total	15	Total	17

Year Two

Fall Semester	Credits	Spring Semester	Credits
HEED 102 Life and Health	3	COMM 101 Oral Communication	3
CTEC 120 Prin of Secure Coding-Java	4	CTEC 230 App of Data Structures	4
CTEC 302 Computer Networking	3	CTEC 345 Comp Network Security	3
ENGL 102 Argument & Research	3	CTEC 220 Adv Secure Cod w Java	4
Natural Science w Lab	4	CTEC 305 Server Administration	3
Total	17	Total	17

Year Three

Fall Semester	Credits	Spring Semester	Credits
CTEC 350 Intrusion Detect & Prev	3	CTEC 128 Discrete Struct-Big Data	3
CTEC 402 Sftwe & Oper Syst Secur	3	Track Course	3
MATH 155 Probability & Statistics	3	Track Course	3
CTEC 445 Cryptography & Appli	3	CTEC Sub Plan Elective	3
HIST 114/115 Afr Amer History	3	BIOL 203 Oceanus/Natural Sci	3/4
Total	15	Total	15

Year Four

Fall Semester	Credits	Spring Semester	Credits
ENGL 362-Technical Writing-CTEC	3	CTEC 450 Case Studies in CTEC	3
Social Science Elective	3	CTEC Track course/CTEC Sub Plan	3
CTEC Track Course	3	Gen Ed Free Elective	3
CTEC Track Course	3	Gen Ed Free Elective	3
	Total		Total
	12		12