



**Suggested Curriculum Guide for Cyber Systems Technology (Tech Systems Concentration), B.S., CST (TS)**

**Freshman (1<sup>st</sup> Semester) 18 hrs**

GSD 101	3
TEC 161 <i>or</i> INF 104	3
† Concentration Elective	3
† Concentration Elective	3
° MAT 112A <i>and</i> 112B (or higher, such as MAT 114 or 120) (fulfills Gen. Ed. 2)	3
Gen. Ed. 1A (ENG 101)	3

**Sophomore (1<sup>st</sup> Semester) 12-13 hrs**

° ECO 120 (or higher) (fulfills Gen. Ed. 5B)	3
† Concentration Elective	3
† Concentration Elective	3
Gen. Ed. 1C (Comm.)	3
Free Elective	0-1

**Junior (1<sup>st</sup> Semester) 15 hrs**

AEM 202	3
EET 252	3
NET 302	3
NET 303	3
Gen. Ed. 3A (Arts)	3

**Senior (1<sup>st</sup> Semester) 15-17 hrs**

AEM 407 <i>or</i> CIS 410	3
AEM 352, EET 253, EET 351, <i>or</i> NET 440	3
NET 349	1
‡ Supporting Course Elective	3
Gen. Ed. 6 (Div. of per. and exp.)	3
Free Elective (Co-op, NET 395, or NET 454 recommended)	2-4

**Freshman (2<sup>nd</sup> Semester) 15 hrs**

† Concentration Elective	3
† Concentration Elective	3
Gen. Ed 1B (ENG 102)	3
Free Elective	3
Free Elective	3

**Sophomore (2<sup>nd</sup> Semester) 15-16 hrs**

° PHY 101 (or higher) (fulfills Gen. Ed. 4)	3
STA 215 <i>or</i> 270	3-4
† Concentration Elective	3
† Concentration Elective	3
Gen. Ed. 3B (Humanities)	3

**Junior (2<sup>nd</sup> Semester) 15 hrs**

AEM 310	3
NET 343	3
NET 354	3
NET 361	3
NET 403	3

**Senior (2<sup>nd</sup> Semester) 15 hrs**

AEM 408	3
NET 467	0
NET 499	3
Gen. Ed. 4 (Nat. Sci.)	3
Gen. Ed. 5A (History)	3
Gen. Ed. 6 (Div. of per. and exp.)	3

*Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.*

**UNIVERSITY GRADUATION REQUIREMENTS**

**Total hours University Graduation Requirements ..... 39 hours**

**MAJOR REQUIREMENTS**

**Core Courses ..... 34 hours**

AEM 202, AEM 310, AEM 408, EET 252, NET 302, NET 303, NET 343, NET 349, NET 354, NET 361, NET 403, NET 499

**Program Electives ..... 9 hours**

Select THREE (3) hours from: AEM 407, CIS 410  
Select THREE (3) hours from: AEM 352, EET 253, EET 351, NET 440  
Select THREE (3) hours from: INF 104, TEC 161

**Concentration Requirements ..... 24 hours**

† TWENTY-FOUR (24) HOURS of course work in computer systems, electricity and electronics, and networking related technical electives as approved by major adviser. (This concentration is recommended for transfer students).

**Supporting Course Requirements ..... 7-8 hours**

° ECO 120, ° MAT 112A and ° MAT 112B, ° PHY 101, STA 215 or STA 270

PLUS THREE (3) HOURS of AAC, AEM, CCT, CIS, FIN, GBU, MGT, MKT, or RMI upper division electives as approved by major advisor (supporting course elective)

**Free Electives ..... 7-8 hours**

Co-operative education, NET 349, recommended as free electives or NET 395 (Special Topics in NET) taken with a unique topic. Students with an ACT Math sub-score of 19-21 may consider taking CSC 101 (The World of Code) to build computing competencies early in the degree program.

**Total Curriculum Requirements ..... 120 hours**