Cyber Systems Technology (Network Security and Electronics Concentration), B.S., CST (NET) 2023-2024

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The schedule below is an **EXAMPLE** of how you can arrange your class schedule. Please consult your advisor for specific changes that may need to be made.

	Fall Semester		Spring Semester	
l	SCO 100	1	EET 257	3
Freshman	EET 251	3	NET 302	3
Year	EET 252	3	NET 303	3
	(TEC 161 <u>or</u> INF 104)	3	† Concentration Elective	3
	^G MAT 112A <u>and</u> 112B (or higher,	3	Gen. Ed 1B (ENG 102)	2
	such as MAT 114 or 120 (fulfills		Gen. La 18 (LNG 102)	3
	Gen. Ed. 2)	3		
	Gen. Ed. 1A (<i>ENG 101</i>)	3		
	Gen. Ed. 1A (ENG 101)	3		
	TOTAL	16	TOTAL	15
Sophomore	AEM 352, EET 253, EET 351, <u>or</u>		^G ECO 120 (or higher) (fulfills	
Year	L NET 440	3	Gen. Ed. 5B)	3
Teal	NET 354	3	NET 343	3
	NET 395	3	NET 349	1
	† Concentration Elective	3	(STA 215 <u>or</u> 270)	3-4
	Gen. Ed. 1C (Comm.)	3	^G PHY 101 (or higher) (fulfills	
			Gen. Ed. 4)	3
			Gen. Ed. 3B (Humanities)	3
	TOTAL	15	TOTAL	16-17
Junior	AEM 202	3	AEM 310	3
	NET 344	3	NET 403	3
Year	NET 361	3	Supporting Course Elective	3
	† Concentration Elective	3	Gen. Ed. 3A (<i>Arts</i>)	3
	Free Elective (Co-op	3	Gen. Ed. 4 (Nat. Sci.)	3
	recommended)			
	TOTAL	15	TOTAL	15
Senior	[AEM 407 <i>or</i> CIS 410]	3	AEM 408	3
	NET 454	3	NET 499	3
Year	Gen. Ed. 5A (History)	3	NET 467	0
	Gen. Ed. 6 (<i>Div. of per. and exp.</i>)	3	Gen. Ed. 6 (<i>Div. of per. and</i>	
	Free Elective (NET 395 or Co-op		exp.)	3
	recommended)	3	Free Elective (Co-op	
	,		recommended)	3-4
	TOTAL	15	TOTAL	12-13
		TOTAL	HOURS TO DEGREE COMPLETION	120

^{*} PREREQUISITES: Consult with your advisor and/or the University catalog regarding prerequisites for upper division courses in your major.

Upper division courses: All students are required to have a minimum of 42 hrs. upper division (300 level or above) courses distributed throughout Major/Supporting/Gen Ed/Free Electives categories.

Refer to the University Catalog at http://www.catalogs.eku.edu/ regarding University and General Education Requirements.

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Course	Course Name			
Number	CONTROL OF THE PROPERTY DESCRIPTION OF THE PROPERTY (27)			
	UCATION & UNIVERSITY REQUIREMENTS (37)			
SCO 100	Student Success Seminar (1)			
CORE COURSE REQUIREMENTS (34)				
AEM 202	Introduction to Quality (3)			
AEM 310	Technical Communication (3)			
AEM 408	Human Resource Development (3)			
EET 252	Digital Electronics (3)			
NET 302	PC Troubleshooting and Construction (3)			
NET 303	LANs and PC Communications (3)			
NET 343	Network Switches and Routers (3)			
NET 349	Applied Learning in NET (1)			
NET 354	Microcomputer and Network Security (3)			
NET 361	Cloud Technology Foundations (3)			
NET 403	Advanced LANs and PC Communication (3)			
NET 499 PROGRAM E	Senior Capstone (3) (spring only)			
	(3) HOURS from:			
Select THREE AEM 407	Fundamentals of Project Management (3)			
4EIVI 407	(fall only)			
CIS 410	Project Management and Practice (3)			
Select THREE (3) HOURS from:				
AEM 352	Robotics and Automated Systems (3)			
EET 253	Microprocessor Control Systems (3)			
EET 351	Programmable Logic Controllers (3)			
NET 440	Wired/Wireless Communications (3)			
Select THREE	(3) HOURS from:			
INF 104	Computer Literacy with Software			
	Applications (3)			
TEC 161	Computer Applications in Technology (3)			
NETWORK SI REQUIREMEN	ECURITY AND ELECTRONICS CONCENTRATION NTS (24)			
EET 251	Electricity and Electronics (3)			
EET 257	Electronic Devices and Circuits (3)			
NET 344	Advanced Network Devices (3)			
NET 395	Special Topics in NET (3)			
NET 454	Wireless/WAN Security (3)			
	(9) HOURS of CSC/CIS/INF courses (CSC 160 or			
higher), or (CIS 215 or higher), or (INF 130 or higher)				
(concentration				
SUPPORTING COURSE REQUIREMENTS (6-7)				
^G ECO 120	Economic Reasoning and Issues (3)			
^G MAT 112A				
^G MAT 112I				
^G PHY 101	Conceptual Physics (3)			
(STA 215 <u>or</u>)	Introduction to Statistical Reasoning (3)			
〔 STA 270 〕	Applied Statistics (4)			
‡ PLUS THRE	E (3) HOURS of ACC, AEM, CCT, CIS, FIN, GBU, MGT,			

MKT, or RMI upper division electives as approved by major

Co-operative education, NET 349, recommended as free

Exit Exam for BS in NET (0)

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

advisor (supporting course elective)
EXIT REQUIREMENT (0)

NET 467

FREE ELECTIVES (9-10)

competencies early in the degree program.

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