

# Cybersecurity – Pre-Calculus

2023-2024 Catalog: Sample Four-Year Schedule

Year One	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
	MATH 1650	Pre-Calculus <i>Pre-req: MATH 1100 or Test Placement</i>	5	F., Sp., Su.	MATH 1710	Calculus I <i>Pre-req: MATH 1650 or Test Placement</i>	4	F., Sp., Su.
	CHEM 1410	General Chemistry I <i>Pre-req: MATH 1100 or higher</i>	3	F., Sp., Su.	CSCE 1035	Computer Programming I <i>Pre-req: MATH 1650 or Co-req: MATH 1710</i>	4	F., Sp.
	CHEM 1430	General Chemistry I Lab <i>Co/Pre-req: CHEM 1410</i>	1	F., Sp., Su.	TECM 2700	Technical Writing <i>Pre-req: Communication Core</i>	3	F., Sp., Su.
	Comm. Core	University Core – Communication	3	F., Sp.	BIOL 1710	Biology I	3	F., Sp., Su.
	University Core	University Core – American History I	3	F., Sp., Su.	BIOL 1760	BIOL Lab <i>Co/Pre-req: BIOL 1710</i>	2	F., Sp., Su.
	Total Hours		15		Total Hours		16	

Year Two	MATH 1720	Calculus II <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.	MATH 2700	Linear Algebra <i>Pre-req: MATH 1720</i>	3	F., Sp., Su.
	PHYS 1710	Mechanics <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.	PHYS 2220	Electricity & Magnetism <i>Pre-reqs: MATH 1720 &amp; PHYS 1710/1730</i>	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab <i>Co/Pre-req: PHYS 1710</i>	1	F., Sp., Su.	PHYS 2240	Electricity & Magnetism Lab <i>Co/Pre-req: PHYS 2220</i>	1	F., Sp., Su.
	CSCE 1045	Computer Programming II <i>Pre-req: CSCE 1035, Co/Pre-req: MATH 1710</i>	3	F., Sp.	CSCE 2100	Foundations of Computing <i>Pre-req: CSCE 1040 or CSCE 1045</i>	3	F., Sp., Su.
	University Core	University Core – American History II	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures <i>Pre-req: CSCE 1040 or CSCE 1045</i>	3	F., Sp., Su.
	University Core	University Core – Federal Government	3	F., Sp., Su.	University Core	University Core – State Government	3	F., Sp., Su.
	Total Hours		16		Total Hours		16	

Year Three	MATH 3680	Applied Statistics <i>Co/Pre-req: MATH 1720</i>	3	F., Sp., Su.	CSCE 3530	Introduction to Computer Networks <i>Pre-req: CSCE 3600</i>	3	F., Sp.
	CSCE 3550	Foundations of Computer Security <i>Pre-req: CSCE 2110</i>	3	F.	CSCE 3560	Computer Systems Security <i>Pre-req: CSCE 3600</i>	3	Sp.
	CSCE 3600	Systems Programming <i>Pre-req: CSCE 2110</i>	3	F., Sp.	CSCE 4555	Computer Forensics <i>Pre-req: CSCE 2110</i>	3	Sp.
	Supporting Elective	Options at <a href="http://mydegreeaudit.unt.edu">mydegreeaudit.unt.edu</a> Must complete pre-reqs	3	Varies	CSCE 4560	Secure Electronic Commerce <i>Pre-req: CSCE 2110</i>	3	Sp.
	University Core	University Core – Creative Arts	3	F., Sp., Su.	Supporting Elective	Options at <a href="http://mydegreeaudit.unt.edu">mydegreeaudit.unt.edu</a> Must complete pre-reqs	3	Varies
	Total Hours		15		Total Hours		15	

Year Four	CSCE 4535	Introduction to Network Admin. <i>Pre-req: CSCE 3530</i>	3	F.	CSCE 4010	Social Issues in Computing <i>Pre-req: CSCE 3600</i>	3	F., Sp.
	CSCE 4565	Secure Software Development <i>Pre-req: CSCE 3560</i>	3	F.	CSCE 4927	Cybersecurity Capstone II <i>Pre-req: CSCE 4907</i>	3	Sp.
	CSCE 4575	Blockchain and Applications <i>Pre-req: CSCE 3600</i>	3	F.	Supporting Elective	Options at <a href="http://mydegreeaudit.unt.edu">mydegreeaudit.unt.edu</a> Must complete pre-reqs	3	F., Sp.
	CSCE 4907	Cybersecurity Capstone I <i>Pre-req: CSCE 3550</i> <i>Co-req: CSCE 4565</i>	3	F.	Supporting Elective	Options at <a href="http://mydegreeaudit.unt.edu">mydegreeaudit.unt.edu</a> Must complete pre-reqs	3	Varies
	University Core	University Core – Language, Philosophy and Culture	3	F., Sp., Su.	University Core	University Core – Social and Behavioral Sciences	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

Courses in **GREEN** are taken at UNT and require a particular prerequisite order.

Courses in **BLACK** can be fulfilled by AP, IB, CLEP, and/or Texas Community College Dual Credit or Transfer Credit and require a particular prerequisite order.

Courses in **BLUE** can be fulfilled by AP, IB, CLEP, and/or Texas Community College Dual Credit or Transfer Credit and can be completed in any term prior to graduation.

ENGL, TECM, MATH, CHEM, BIOL, PHYS, CSCE, and Supporting Elective courses require minimum grade of “C” for completion and/or prerequisite.

This is an unofficial sample schedule. Requirements, prerequisites, corequisites, and term offerings may change. UNT students should check their degree audit at [mydegreeaudit.unt.edu](http://mydegreeaudit.unt.edu) each term. UNT students should meet with their advisor each term to discuss individual scheduling, program decisions, etc.

# Advanced Placement (AP), International Baccalaureate (IB), Credit by Exam (CLEP), Texas Community College Dual Credit, Texas Community College Transfer Credit

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## **COMMUNICATION**

AP English Lang. And Comp. Score of 3  
IB English A: Lang. and Lit. Score of 5

## **TECHNICAL WRITING**

Community College ENGL 2311: TECM 2700

## **AMERICAN HISTORY I**

AP U.S. History score of 3  
CLEP History of United States I  
Community College: HIST 1301

## **AMERICAN HISTORY II**

AP U.S. History score of 3  
CLEP History of United States II  
Community College: HIST 1302

## **FEDERAL GOVT/POLI SCIENCE**

AP U.S. Government score of 3  
CLEP American Government  
Community College: GOVT 2305

## **STATE GOVT/POLI SCIENCE**

Community College: GOVT 2306

## **CREATIVE ARTS**

AP Art History score of 3  
IB Dance score of 4\*  
Community College: ARTS 1301  
Community College: ARTS 1304  
Community College: MUSI 1306  
Community College: DRAM 1310

## **LANGUAGE, PHILOSOPHY, AND CULTURE**

AP English Literature and Comp. score of 3  
AP World History score of 3  
IB History score of 4\*  
IB Philosophy score of 5  
IB English Language A: Lit. Score of 5  
Community College: ENGL 2332  
Community College: ENGL 2333  
Community College: ENGL 2341  
Community College: HIST 2321  
Community College: HIST 2322  
Community College: PHIL 1301  
Community College: PHIL 1304  
Community College: PHIL 2303  
Community College: PHIL 2306

## **SOCIAL AND BEHAVIORAL SCIENCES**

AP Macroeconomics score of 3  
AP Microeconomics score of 3  
AP Psychology score of 3  
IB Economics score of 4\*  
IB Geography score of 4\*  
IB Psychology score of 4\*  
CLEP Macroeconomics  
CLEP Microeconomics  
CLEP Human Growth and Development  
CLEP Introductory Psychology  
CLEP Introductory Sociology  
Community College: ANTH 2346  
Community College: ANTH 2351

## **SOCIAL AND BEHAVIORAL SCIENCES**

### **(Continued)**

Community College: ECON 2301  
Community College: ECON 2302  
Community College: GEOG 1303  
Community College: TECA 1354  
Community College: PSYC 2301  
Community College: PSYC 2302  
Community College: SOCI 1301  
Community College: COMM 1307  
Community College: SPCH 1318

## **BIOLOGY**

AP Biology score of 4, 5: BIOL 1710, 1720, 1760  
IB Biology: BIOL 1710, 1720, 1760  
CLEP Biology: BIOL 1710, 1720  
Community College BIOL 1306: BIOL 1710  
Community College BIOL 1307, BIOL 1720  
Community College BIOL 1406: BIOL 1710, 1760  
Community College BIOL 1407: BIOL 1720, 1760

## **CHEMISTRY**

AP Chemistry score of 4: CHEM 1410, 1430  
AP Chemistry score of 5: CHEM 1410, 1430, 1420, 1440  
CLEP General Chemistry: CHEM 1410, 1420  
IB Chemistry: CHEM 1410, 1430, and 1420, 1440  
Community College CHEM 1311, 1111: CHEM 1410, 1430  
Community College CHEM 1312, 1112: CHEM 1420, 1440  
Community College CHEM 1411: CHEM 1410, 1430  
Community College CHEM 1412: CHEM 1420, 1440

## **PHYSICS**

AP Physics C (Mechanics) score of 4: PHYS 1710, 1730  
AP PHYS Physics C (Electricity and Magnetism) score of 4: PHYS 2220, 2240  
Community College PHYS 2325, 2125: PHYS 1730, 1730  
Community College PHYS 2326, 2126: PHYS 2220, 2240  
Community College PHYS 2425: PHYS 1710, 1730  
Community College PHYS 2426: PHYS 2220, 2240

## **MATHEMATICS**

AP Calculus AB score of 3: MATH 1710  
AP Calculus BC score of 3: MATH 1710, 1720  
AP Calculus AB sub score of BC Exam score 3: MATH 1710  
IB Mathematics – Calculus: MATH 1710  
CLEP College Algebra: MATH 1100  
CLEP Pre-calculus: MATH 1650  
CLEP Calculus: MATH 1710  
Community College MATH 1314 or 1414: MATH 1100  
Community College MATH 2312 or 2412: MATH 1650  
Community College MATH 2313 or 2413: MATH 1710  
Community College MATH 2314 or 2414: MATH 1720  
Community College MATH 2318 or 2418: MATH 2700  
Community College ENGR 2300: Substitutes for MATH 2700

## **COMPUTING/PROGRAMMING**

AP Computer Science A score of 4: CSCE 1030  
IB Computer Science: CSCE 1030, 1040  
Community College COSC 1336 or 1436: CSCE 1030  
Community College COSC 1337 or 1437: CSCE 1040  
Community College COSC 2325 or 2425: CSCE 2610  
Community College COSC 2326 or 2436: CSCE 2110  
Community College MATH 2305: Substitutes for CSCE 2100

**Credit for both CSCE 1030 and 1040 can substitute for CSCE 1035 and 1045**