## Cybersecurity – College Algebra

### 2023-2024 Catalog: Sample Five-Year Schedule

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term(s) Offered</th>
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<tbody>
<tr>
<td><strong>MATH 1100</strong></td>
<td>College Algebra</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td><strong>MATH 1650</strong></td>
<td>Pre-Calculus</td>
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<td></td>
<td>Pre-req: TSI Completion</td>
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<td>Pre-req: MATH 1100 or Test Placement</td>
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<td>Pre-req: MATH 1100 or higher</td>
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<tr>
<td><strong>University Core</strong></td>
<td>University Core – American History I</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td><strong>CHEM 1430</strong></td>
<td>General Chemistry I Lab</td>
<td>1</td>
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### Year Two

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<th>Credits</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
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<th>Term(s) Offered</th>
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<tbody>
<tr>
<td><strong>MATH 1710</strong></td>
<td>Calculus I</td>
<td>4</td>
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<td><strong>MATH 1720</strong></td>
<td>Calculus II</td>
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<tr>
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<td>Pre-req: MATH 1650 or Test Placement</td>
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<td>Pre-req: MATH 1650 or Co-req: MATH 1710</td>
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<td>Pre-req: CSCE 1035</td>
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<td>Pre-req: MATH 1710</td>
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<tr>
<td><strong>BIOL 1760</strong></td>
<td>Biology Lab</td>
<td>2</td>
<td>F., Sp., Su.</td>
<td><strong>PHYS 1730</strong></td>
<td>Mechanics Lab</td>
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<td>Pre-req: PHYS 1710</td>
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<tr>
<td><strong>University Core</strong></td>
<td>University Core – American History II</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td><strong>University Core</strong></td>
<td>University Core – State Government</td>
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### Year Three

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<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
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<tbody>
<tr>
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<tr>
<td><strong>CSCE 2110</strong></td>
<td>Foundations of Data Structures</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td><strong>University Core</strong></td>
<td>University Core – Creative Arts</td>
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<td><strong>PHYS 2220</strong></td>
<td>Electricity &amp; Magnetism</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td><strong>University Core</strong></td>
<td>University Core – Language, Philosophy and Culture</td>
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<td><strong>PHYS 2240</strong></td>
<td>Electricity &amp; Magnetism Lab</td>
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### Year Four

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<th>Credits</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term(s) Offered</th>
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<tbody>
<tr>
<td><strong>CSCE 3530</strong></td>
<td>Introduction to Computer Networks</td>
<td>3</td>
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<td><strong>CSCE 3560</strong></td>
<td>Computer Systems Security</td>
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<td><strong>CSCE 3550</strong></td>
<td>Foundations of Computer Security</td>
<td>3</td>
<td>F.</td>
<td><strong>CSCE 4555</strong></td>
<td>Computer Forensics</td>
<td>3</td>
<td>Sp.</td>
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<td>Options at mydegreeaudit.unt.edu</td>
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### Year Five

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<th>Fall Semester</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
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<th>Term(s) Offered</th>
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<tbody>
<tr>
<td><strong>CSCE 4535</strong></td>
<td>Introduction to Network Admin.</td>
<td>3</td>
<td>F.</td>
<td><strong>CSCE 4927</strong></td>
<td>Capstone II</td>
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<td><strong>CSCE 4565</strong></td>
<td>Secure Software Development</td>
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<td>Options at mydegreeaudit.unt.edu</td>
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<td>Varies</td>
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<td><strong>CSCE 4575</strong></td>
<td>Blockchain and Applications</td>
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<td><strong>CSCE 4907</strong></td>
<td>Cybersecurity Capstone I</td>
<td>3</td>
<td>F.</td>
<td><strong>University Core</strong></td>
<td>University Core – Social and Behavioral Sciences</td>
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<td>12</td>
<td>Total Hours</td>
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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 each term. UNT students should meet with their advisor each term to discuss individual scheduling, program decisions, etc.
**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)**

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

**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, 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 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

*Completion of IB program, earned IB Diploma, & minimum score of 4 or completion of IB program without the earned diploma & minimum score of 5, 6, or 7

Other community college or university courses may fulfill requirements. Please confirm with your advisor.