## Electrical Engineering – Calculus I

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

<table>
<thead>
<tr>
<th>Year One</th>
<th>Fall Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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<tbody>
<tr>
<td></td>
<td>CHEM 1430</td>
<td>General Chemistry I Lab</td>
<td>1</td>
<td>F., Sp., Su.</td>
<td>PHYS 1730</td>
<td>Mechanics Lab</td>
<td>1</td>
<td>F., Sp., Su.</td>
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<td></td>
<td>University Core</td>
<td>University Core – American History I</td>
<td>3</td>
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<th>Year Two</th>
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<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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<tbody>
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<td>Total Hours</td>
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<th>Year Three</th>
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<th>Credit Hours</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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<tbody>
<tr>
<td></td>
<td>EENG 3411</td>
<td>Electromagnetics Lab</td>
<td>Co/PreReq: EENG 3410</td>
<td>1</td>
<td>F., Sp.</td>
<td>EENG 3810</td>
<td>Communications Systems</td>
<td>Pre Req: EENG 2620, 3510, MATH 3180</td>
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<td>Electronics I Lab</td>
<td>Co/PreReq: EENG 3510</td>
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<td>EENG 3920</td>
<td>Modern Communications System Design</td>
<td>Pre Req: EENG 2920</td>
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<td>University Core – Federal Government</td>
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<tr>
<th>Year Four</th>
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<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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<td>EENG Elective</td>
<td>Options at mydegreeaudit.unt.edu</td>
<td>Must complete pre-reqs</td>
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<td>EENG Elective</td>
<td>Options at mydegreeaudit.unt.edu</td>
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<td></td>
<td>EENG Elective</td>
<td>Options at mydegreeaudit.unt.edu</td>
<td>Must complete pre-reqs</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td>EENG Elective</td>
<td>Options at mydegreeaudit.unt.edu</td>
<td>Must complete pre-reqs</td>
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<tr>
<td></td>
<td>EENG Elective</td>
<td>Options at mydegreeaudit.unt.edu</td>
<td>Must complete pre-reqs</td>
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<td>F., Sp., Su.</td>
<td>University Core</td>
<td>University Core – Language, Philosophy and Culture</td>
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<td>University Core – Creative Arts</td>
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<td>F., Sp., Su.</td>
<td>University Core</td>
<td>University Core – Social and Behavioral Sciences</td>
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<td>Total Hours</td>
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<td></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, PHYS, EENG, and CSCE courses require minimum grade of “C” for completion and/or prerequisite. This is an unofficial sample schedule.

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

**COMMUNICATION**
- AP English Lang. And Comp. Score of 3
- IB English A: Lang. and Lit. Score of 5
- Community College: ENGL 1301
- Community College: ENGL 1302

**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: COMM 1307
- Community College: PSYC 2301
- Community College: PSYC 2302
- Community College: SOCI 1301
- Community College: SPCH 1318

**CHEMISTRY**
- AP Chemistry Score of 3: CHEM 1410, 1430
- AP Chemistry Score of 4: CHEM 1410, 1430, and 1420, 1440
- CLEP General Chemistry: CHEM 1410, 1420
- IB Chemistry: CHEM 1410, 1430, and 1420, 1440
- Community College CHEM 1111: CHEM 1430
- Community College CHEM 1311: CHEM 1410
- Community College CHEM 1411: CHEM 1410, 1430

**PHYSICS**
- AP Physics C [Mechanics] Score of 3: PHYS 1710, 1730
- AP Physics C [Electricity and Magnetism] Score of 4: PHYS 2220, 2240
- Community College PHYS 2125: PHYS 1730
- Community College PHYS 2126: PHYS 2240
- Community College PHYS 2325: PHYS 1710
- Community College PHYS 2326: PHYS 2220
- 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 of 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 2315 or 2415: MATH 2730
- Community College MATH 2318 or 2418: MATH 2700
- Community College MATH 2320 or 2420: Substitutes for MATH 3410
- Community College ENGR 2300: Substitutes for MATH 2700

**ENGINEERING**
- Community College ENGR 2105: EENG 2611
- Community College ENGR 2301: EENG 2301
- Community College ENGR 2302: EENG 2302
- Community College ENGR 2332: EENG 2332
- Community College ENGR 2305: EENG 2610
- Community College ENGR 2405: EENG 2610, 2611
- Community College ENGR 2406: EENG 2710, 2711

**COMPUTING/PROGRAMMING**
- AP Computer Science A Score of 3: CSCE 1030
- IB Computer Science: CSCE 1030, 1040
- Community College COSC 1336: CSCE 1030
- Community College COSC 1436: CSCE 1030

*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.