

Construction Engineering Technology – College Algebra

2023-2024 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
	Year One	MATH 1100	College Algebra <i>Pre-req: TSI Completion</i>	3	F., Sp., Su.	MATH 1650	Pre-Calculus <i>Pre-req: MATH 1100 or Test Placement</i>	5
CNET 1160		Construction Methods and Materials	3	F.	CNET 2180	Building Construction Techniques <i>Pre-req: CNET 1160</i>	3	Sp.
ENGR 1030		Technological Systems	3	F., Sp.	CHEM 1410	General Chemistry I <i>Pre-req: MATH 1100 or higher</i>	3	F., Sp., Su.
Comm. Core		University Core – Communication	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab <i>Co/Pre-req: CHEM 1410</i>	1	F., Sp., Su.
Total Hours			12		Total Hours		12	

Year Two	MATH 1710	Calculus I <i>Pre-req: MATH 1650 or Test Placement</i>	4	F., Sp., Su.	MATH 1720	Calculus II <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.
	CNET 2300	Construction Graphics and Modeling	3	F.	PHYS 1710	Mechanics <i>Pre-req: MATH 1710</i>	3	Sp.
	TECM 2700	Technical Writing <i>Pre-req: Communication Core</i>	3	F., Sp.	PHYS 1730	Mechanics Lab <i>Co/Pre-req: PHYS 1710</i>	1	F., Sp., Su.
	ECON 1100	Microeconomics <i>Fulfills Social and Behavioral Science Core</i>	3	F., Sp., Su.	University Core	University Core – State Government	3	F., Sp., Su.
	Total Hours		13		University Core	University Core – American History I	3	F., Sp., Su.
					Total Hours		13	

Year Three	ENGR 2301	Statics <i>Pre-reqs: PHYS 1710, 1730</i>	3	F., Sp., Su.	ENGR 2332	Mechanics and Materials <i>Pre-req: ENGR 2301</i>	3	F., Sp., Su.
	PHYS 2220	Electricity and Magnetism <i>Pre-reqs: MATH 1720, PHYS 1710, 1730</i>	3	F., Sp., Su.	ACCT 2010	Accounting Principles I <i>Pre-req: ECON 1100</i>	3	F., Sp., Su.
	PHYS 2240	Electricity and Magnetism Lab <i>Co-req/pre-req: PHYS 2220</i>	1	F., Sp., Su.	CNET 3410	Occupational Safety and Liability	3	Sp.
	University Core	University Core – Federal Government	3	F., Sp., Su.	University Core	University Core – Creative Arts	3	F., Sp., Su.
	University Core	University Core – American History II	3	F., Sp., Su.	Total Hours		12	
	Total Hours		13					

Year Four	CNET 3150	Construction Contract Documents <i>Pre-req: CNET 2180</i>	3	F.	CNET 3190	Construction Scheduling <i>Pre-req: CNET 3160</i>	3	Sp.
	CNET 3160	Construction Cost Estimating <i>Pre-req: CNET 2180</i>	3	F.	CNET 3440	Steel Structures <i>Pre-req: CNET 3430</i>	3	F., Sp.
	CNET 3430	Structural Analysis <i>Pre-req: ENGR 2332</i>	3	F.	CNET 3460	Soils and Foundations <i>Pre-req: CNET 2180, ENGR 2332</i>	3	F., Sp.
	BLAW 3430	Legal and Ethical Environment of BUSI <i>Pre-req: PSCI 2305, 2306</i>	3	F., Sp., Su.	DSCI 2710	Data Analysis with Spreadsheets <i>Pre-req: College Math Readiness</i>	4	F., Sp.
	Total Hours		13		Total Hours		12	

Year Five	CNET 3480	Structural Design with Concrete, Timber, etc. <i>Pre-req: CNET 2180, 3430</i>	3	F.	CNET 4180	Problems in Project Management <i>Pre-req: CNET 4170</i>	3	Sp.
	CNET 4170	Construction Management <i>Pre-req: CNET 3160</i>	3	F.	CNET 4190	Quality Management in Construction <i>Pre-req: CNET 2180</i>	3	Sp.
	CNET 4780	Senior Design I <i>Pre-req: Senior Class., CNET 3190, 3440, 3460</i>	1	F.	CNET 4620	Adv. Design in Cold-Formed Steel Struc. <i>Pre-req: CNET 3430</i>	3	F., Sp.
	BLAW 4770	Real Estate Law and Contracts	3	F., Sp.	CNET 4790	Senior Design II <i>Pre-req: CNET 4780</i>	3	F., Sp.
	University Core	University Core – Language, Philosophy and Culture	3	F., Sp., Su.	MISC Elective	MISC. Elective to reach 124 Hours (If needed)	3	Varies
	Total Hours		13		Total Hours		12	

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, ENGR, CNET, and Business Courses require a minimum grade of "C" for completion and/or prerequisites

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

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 Microeconomics score of 3
CLEP Macroeconomics
CLEP Microeconomics

CHEMISTRY

AP Chemistry score of 4: CHEM 1410, 1430
AP Chemistry score of 5: CHEM 1410, 1430, and 1420, 1440
IB Chemistry: CHEM 1410, 1430, and 1420, 1440
CLEP General Chemistry: CHEM 1410, 1420
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 4: PHYS 1710, 1730
AP PHYS 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 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: MATH 1100
Community College MATH 1414: MATH 1100
Community College MATH 2312: MATH 1650
Community College MATH 2412: MATH 1650
Community College MATH 2313: MATH 1710
Community College MATH 2314: MATH 1720
Community College MATH 2413: MATH 1710
Community College MATH 2414: MATH 1720

ENGINEERING

Community College ENGR 2301: ENGR 2301
Community College ENGR 2332: ENGR 2332

BUSINESS

Community College ACCT 2301: ACCT 2010
Community College ACCT 2401: ACCT 2010

**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.*