

# Computer Engineering

2020-2021 Catalog: Sample Four-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	*MATH 1710	<b>Calculus I</b> <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.
	CHEM 1410	General Chemistry I <i>Pre-req: MATH 1100 or higher</i> <i>Co-req: CHEM 1430</i>	3	F., Sp., Su.	*CSCE 1040	<b>Computer Science II</b> <i>Pre-req: CSCE 1030</i> <i>Co/Pre-req: MATH 1710</i>	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab <i>Co/Pre-req: CHEM 1410</i>	1	F., Sp., Su.	*TECM 2700	<b>Technical Writing</b> <i>Pre-req: Communication Core</i>	3	F., Sp., Su.
	*CSCE 1030	<b>Computer Science I</b> <i>Co/Pre-req: MATH 1710</i>	4	F., Sp.	PHYS 1710	Mechanics <i>Pre-req: MATH 1710. Co-req: PHYS 1730</i>	3	F., Sp., Su.
	*Comm. Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.	PHYS 1730	Mechanics Lab <i>Co/Pre-req: PHYS 1710</i>	1	F., Sp., Su.
	Total Hours		15		University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	
					Total Hours		16	

Year Two	MATH 2730	Multivariable Calculus <i>Pre-req: MATH 1720</i>	3	F., Sp., Su.	MATH 1780	Probability Models <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.
	PHYS 2220	Electricity & Magnetism <i>Pre-reqs: MATH 1720 &amp; PHYS 1710, 1730</i> <i>Co-req: PHYS 2240</i>	3	F., Sp., Su.	MATH 2700	Linear Algebra <i>Pre-req: MATH 1720</i>	3	F., Sp., Su.
	PHYS 2240	Electricity & Magnetism Lab <i>Co/Pre-req: PHYS 2220</i>	1	F., Sp., Su.	CSCE 2110	Foundations of Data Structures <i>Pre-req: CSCE 1040</i>	3	F., Sp., Su.
	*CSCE 2100	Foundations of Computing <i>Pre-req: CSCE 1040</i>	3	F., Sp., Su.	CSCE 2610	Assembly Lang. & Computer Org. <i>Pre-req: CSCE 2100</i> <i>Co/Pre-req: ENGR 2720, 2730</i>	3	F., Sp., Su.
	ENGR 2720	Digital Logic <i>Co-req: ENGR 2730</i>	3	F., Sp.	ENGR 2405	Circuit Analysis <i>Prereq: MATH 1720</i> <i>Co/prereq: PHYS 2220, 2240, ENGR 2415</i>	3	F., Sp., Su.
	ENGR 2730	Digital Logic Lab <i>Co-req: ENGR 2720</i>	1	F., Sp.	ENGR 2415	Circuit Analysis Lab <i>Co/pre-req: ENGR 2405</i>	1	F., Sp., Su.
	Total Hours		14		Total Hours		16	

Year Three	CSCE 3010	Signals and Systems <i>Pre-reqs: ENGR 2405, 2415, MATH 2730 or 3410</i>	3	F.	CSCE 3020	Communications Systems <i>Pre-req: CSCE 3010</i>	3	Sp.
	CSCE 3600	Systems Programming <i>Pre-reqs: CSCE 2100</i>	3	F., Sp.	CSCE 3612	Embedded Systems <i>Pre-reqs: CSCE 2610, ENGR 2720, 2730</i>	3	Sp.
	CSCE 3730	Reconfigurable Logic <i>Pre-req: CSCE 2610</i>	3	F.	CSCE Specialty	Options at mydegreeaudit.unt.edu <i>Must complete pre-reqs</i>	3	F., Sp.
	EENG 3510	Electronics I <i>Prereqs: ENGR 2405, 2415</i>	3	F., Sp., Su.	Math or Science	3*** or 4*** level math or science. <i>Must complete necessary pre-reqs</i>	3	F., Sp.
	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

Year Four	CSCE 4910	SENIOR Design I <i>Pre-reqs: CSCE 3612, EENG 3510</i>	3	F.	CSCE 4915	Senior Design II <i>Pre-req: CSCE 4910</i>	3	Sp.
	CSCE Specialty	Options at mydegreeaudit.unt.edu <i>Must complete pre-reqs</i>	3	F., Sp.	CSCE 4011	Engineering Ethics <i>Pre-req: CSCE 3600</i>	3	F., Sp.
	CSCE Elective	Options at mydegreeaudit.unt.edu <i>Must complete pre-reqs</i>	3	F., Sp.	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.
	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp.	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.
	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.	Elective	3*** or 4*** level elective to reach 42 advanced hours (if needed)	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

Courses in **Bold** = Destination courses required to transition to a full-major. Minimum grade of "C" and 2.5 GPA required for completion.

Courses with \* = Foundations courses required to progress to advanced level courses. Minimum grade of "C" required for completion.

Courses with subject abbreviations of ENGL, TECM, MATH, CHEM, PHYS, ENGR, EENG, and CSCE require minimum grade of "C" for completion and/or prerequisite.

This is an unofficial sample schedule. Requirements, prerequisites, corequisites, and term offerings may change. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.