

Electrical Engineering

2020-2021 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 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.
	CHEM 1410	General Chemistry I <i>Pre-req: MATH 1100 or higher</i>	3	F., Sp., Su.	*PHYS 1710	Mechanics <i>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.	*PHYS 1730	Mechanics Lab <i>Co/Pre-req: PHYS 1710</i>	1	F., Sp., Su.
	*EENG 1910	Learning to Learn	3	F., Sp.	EENG 2710	Digital Logic Design	3	F., Sp., Su.
	CSCE 1030	Computer Science I <i>Co/Pre-req: MATH 1710</i>	4	F., Sp., Su.	EENG 2711	Digital Logic Design Lab <i>Co/Pre-req: EENG 2710</i>	1	F., Sp., Su.
	*Comm. Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.	*TECM 2700	Technical Writing <i>Pre-req: Communication Core</i>	3	F., Sp., Su.
	Total Hours		18		University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		17	

Year Two	MATH 2700	Linear Algebra <i>Pre-req: MATH 1720</i>	3	F., Sp., Su.	MATH 2730	Multivariable Calculus <i>Pre-req: MATH 1720</i>	3	F., Sp., Su.
	MATH 3410	Differential Equations <i>Pre-req: MATH 1720</i>	3	F., Sp., Su.	EENG 2620	Signals and Systems <i>Pre-reqs: EENG 2610/2611</i> <i>Co/Pre-req: MATH 2730 or 3410</i>	3	F., Sp.
	PHYS 2220	Electricity & Magnetism <i>Pre-reqs: MATH 1720 & PHYS 1710/1730</i>	3	F., Sp., Su.	EENG 2621	Signals and Systems Lab <i>Co/Pre-req: EENG 2620</i>	1	F., Sp.
	PHYS 2240	Electricity & Magnetism Lab <i>Co/Pre-req: PHYS 2220</i>	1	F., Sp., Su.	EENG 2920	Analog Circuit Design <i>Pre-reqs: EENG 1910, EENG 2610/2611, and EENG 2710/2711</i>	3	F., Sp.
	*EENG 2610	Circuit Analysis <i>Co/Pre-reqs: PHYS 2220/2240, MATH 3410</i>	3	F., Sp., Su.	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.
	EENG 2611	Circuit Analysis Lab <i>Co/Pre-reqs: EENG 2610</i>	1	F., Sp., Su.	University Core	Options on Page 29 in Academic Guide or mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		14		Total Hours		16	

Year Three	MATH 3680	Applied Statistics <i>Pre-req: MATH 1710, Co/Pre-req: MATH 1720</i>	3	F., Sp., Su.	EENG 3520	Electronics II <i>Pre-reqs: EENG 3510/3511</i>	3	F., Sp.
	EENG 3410	Electromagnetics <i>Pre-reqs: EENG 2610/2611</i>	3	F., Sp.	EENG 3710	Computer Organization <i>Pre-reqs: EENG 2710/2711, CSCE 1030</i>	3	F., Sp.
	EENG 3411	Electromagnetics Lab <i>Co/Pre-req: EENG 3410</i>	1	F., Sp.	EENG 3810	Communications Systems <i>Pre-reqs: EENG 2620, 3510, MATH 3680</i>	3	F., Sp.
	EENG 3510	Electronics I <i>Pre-reqs: EENG 2610/2611</i>	3	F., Sp., Su.	EENG 3811	Communications Systems Lab <i>Co/Pre-req: EENG 3810</i>	1	F., Sp.
	EENG 3511	Electronics I Lab <i>Co/Pre-req: EENG 3510</i>	1	F., Sp., Su.	EENG 3920	Modern Communications System Design <i>Co/Pre-req: EENG 3520</i>	3	F., Sp.
	EENG 3910	DSP System Design <i>Pre-reqs: EENG 2620/2621 and EENG 2920</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		16	
Total Hours		17						

Year Four	EENG Elective	Options at mydegreeaudit.com Must complete pre-reqs	3	F., Sp.	EENG Elective	Options at mydegreeaudit.com Must complete pre-reqs	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.com Must complete pre-reqs	3	F., Sp.	EENG Elective	Options at mydegreeaudit.com Must complete pre-reqs	3	F., Sp.
	EENG 4910	Senior Design I <i>Pre-reqs: EENG 3810/3811, 3910, 3920</i>	3	F., Sp.	EENG 4990	Senior Design II <i>Pre-reqs: EENG 4910</i>	3	F., Sp.
	OPSM 3830	Operations Management	3	F., Sp.	MGMT 3850	Entrepreneurship	3	F., Sp., Su.
	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	

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, CSCE, CHEM, PHYS, EENG, OPSM, and MGMT 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.