

Telecommunications Engineering Technology For Catalog 126

Freshman Year

First Semester	(Th-Pr)	Cr	Second Semester	(Th-Pr)	Cr
CHEM 107 Gen. Chem. for Engr. Students	(3-3)	4	MATH 152 Engineering Mathematics II	(3-2)	4
ENGL 104 Composition and Rhetoric	(3-0)	3	PHYS 218 Mechanics	(3-3)	4
MATH 151 Engineering Mathematics I ¹	(3-2)	4	University Core Curriculum electives ²		6
University Core Curriculum elective ²		3	KINE 199 Required Physical Activity	(0-2)	1
KINE 198 Health and Fitness Activity	(0-2)	1			<u>15</u>
		<u>15</u>			

Sophomore Year

ENTC 210 Circuit Analysis I	(3-2)	4	CPSC 206 Structured Programming in C	(3-2)	4
ENTC 219 Digital Electronics	(2-2)	3	ENGL 210 Scientific and Tech. Writing	(3-0)	3
ENTC 250 Intro. to Electronics Tech.	(2-2)	3	ENTC 211 Circuit Analysis II	(3-2)	4
PHYS 208 Electricity and Optics	(3-3)	4	ENTC 215 Intro. to Telecommunications	(3-0)	3
STAT 211 Prin. of Statistics I	(3-0)	3	ENTC 249 Advanced Digital Electronics	(3-2)	4
		<u>17</u>			<u>18</u>

Junior Year

ENTC 325 Telecom Services	(3-0)	3	COMM 203 Public Speaking	(3-0)	3
ENTC 349 Microprocessors	(3-2)	4	ENTC 345 Telecom Testing Tech.	(3-2)	4
ENTC 350 Electronic Devices	(3-2)	4	ENTC 359 Digital Instrum. and Control	(3-2)	4
INEN 302 Econ. Analysis of Engr. Projects	(2-0)	2	ENTC 369 Software Systems Tech.	(3-2)	4
University Core Curriculum elective ²		3	ENTC 425 Local and Metropolitan Area Networks	(3-2)	4
		<u>16</u>			<u>19</u>

Senior Year

ENTC 415 Digital Telephony	(3-2)	4	ENTC 420 Telecom Tech. Projects	(2-4)	3
ENTC 435 Data Communications	(3-2)	4	ENTC 455 Transmission Systems	(3-2)	4
ENTC 429 Managing People and Projects in a Tech. Society	(3-0)	3	ENTC 465 Private Networks	(3-0)	3
University Core Curriculum electives ²		6	University Core Curriculum elective ²		3
		<u>17</u>			<u>13</u>

Notes:

1. Entering students will be given a placement test in mathematics. Test results will be used in selecting the appropriate starting course which may be at a higher or lower level.
2. To be selected from the University Core Curriculum. Of the 21 hours shown, 3 must be from humanities, 3 must be from visual and performing arts, 3 from social and behavioral sciences, 6 from U.S. history, 6 from POLS 206 and 207, and 6 from international and cultural diversity. The international and cultural diversity requirement may be met by courses satisfying the visual and performing arts, social and behavioral sciences, and the political science and history requirements if they are also on the approved list of international and cultural diversity courses.