

# Telecommunications Engineering Technology

## For Catalog 125

### 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 Comp. and Rhetoric	(3-0)	3	PHYS 218 Mechanics	(3-3)	4
MATH 151 Engineering Mathematics I <sup>1</sup>	(3-2)	4	Electives <sup>2</sup>		6
Elective <sup>2</sup>		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 Adv. Digital Electronics	(3-2)	4
		<u>17</u>			<u>18</u>

### Junior Year

ENTC 325 Telecom Services	(3-0)	3	ENTC 345 Telecom Testing Tech.	(3-2)	4
ENTC 349 Microprocessors	(3-2)	4	ENTC 359 Digital Instrum. and Control	(3-2)	4
ENTC 350 Electronic Devices	(3-2)	4	ENTC 369 Software Systems Tech.	(3-2)	4
			ENTC 425 Local and Metropolitan Area Networks	(3-2)	4
INEN 302 Econ. Analysis of Engr. Proj. Elective <sup>2</sup>	(2-0)	2	Speech communication elective <sup>3</sup>		3
		3			<u>19</u>
		<u>16</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
Electives <sup>2</sup>		6	Elective <sup>2</sup>		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, and 12 from U.S. history and political science.
3. SCOM 203 is preferred.