

Telecommunications Engineering Technology

For Catalog 124

Freshman Year

First Semester	(Th-Pr)	Cr	Second Semester	(Th-Pr)	Cr
CHEM 107 Gen. Chem. for Engr. Students	(3-3)	4	MATH152 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 ¹	(3-2)	4	Electives ²		6
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 Technology	(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	ENTC 359 Digital Instrum. and Control	(3-2)	4
ENTC 345 Telecom Testing Tech.	(3-2)	4	ENTC 369 Software Systems Tech.	(3-2)	4
ENTC 349 Microprocessors	(3-2)	4	ENTC 425 Local and Metropolitan Area Networks	(3-2)	4
ENTC 350 Electronic Devices	(3-2)	4	Speech communication elective ³		3
INEN 302 Econ. Analysis of Engr. Proj.	(2-0)	2	Elective ²		3
		<u>17</u>			<u>18</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 ²		6	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, 6 from social and behavioral sciences, and 12 from U.S. history and political science.
3. SCOM 203 is preferred.