ENGINEERING AND COMPUTING SCIENCES **BACHELOR OF SCIENCE IN TELECOMMUNICATIONS NETWORK MANAGEMENT** ***2012-2013***

STUDENT NAME:_____ **STUDENT ID :**_____ **ADVISOR:**_____ **DATE:**_____

YEAR / TERM		COURSES						CREDITS
YEAR ONE	FALL	**FCWR 101** 3 *Foundations of College Composition* Pre-req - PLACEMENT EXAM	**FCIQ 101** 3 *Foundations of Inquiry*	**ETCS 105** 2 *Career Discovery*	**TMAT 135** 4 *Technical Mathematics I* Pre-req - PLACEMENT EXAM	**ETEC 110** 4 *Electrical Technology I* Co-req - TMAT 135		**16**
	SPRING	**FCWR 151** 3 *Foundations of Research Writing* Pre-req - FCWR 101	**ETEC 120** 4 *Electrical Technology II* Pre-req - ETEC 110; Co-req - TMAT 155	**ETEC 131** 4 *Electronics Technology I* Pre-req - ETEC 110; Co-req - ETEC 120	**TMAT 155** 4 *Technical Mathematics Ii* Pre-req - TMAT 135			**15**
YEAR TWO	FALL	**FCSC 101** 3 *Foundation of Scientific Process*	**ECON 101** 3 *Basic Economics*	**CTEC 204** 3 *Programming Techniques I* Pre-req - TMAT 135	**CTEC 216** 4 *Digital Electronics* Pre-req - ETEC 131	**TELE 110** 3 *Telecommunications Fundamentals* Pre-req - TMAT 135		**16**
	SPRING	**FCSP 105** 3 *Foundations of Speech Communication*	**PHYS 130** 3 *Introductory Physics* Pre-req - TMAT 135	**CTEC 206** 3 *Programming Techniques II* Pre-req - CTEC 204	**QANT 201** 3 *Statistical Sampling Theory* Pre-req - MATH 151	**TELE 220** 3 *Applied Telecommunications* Co-req - TELE 210		**15**
YEAR THREE	FALL	**FCWR 304** 3 *Communication for Technical Professions* Pre-req - FCIQ 101, FCSP 105, FCSC 101, FCWR 151	**MATH 151** 3 *Fundamentals of Calculus* Pre-req - TMAT 135 or TMAT 155	**TELE 210** 3 *Data Net Fundamentals* Pre-req - TELE 110, TMAT 155, QANT 301	3 *Telecommunications Elective*	3 *Liberal Arts Elective*	**CTEC 311** 3 *Introduction to Operating Systems*	**18**
	SPRING	**ICPH 3XX** 3 *Philosophy Choice* Pre-req - FCIQ 101, FCSP 105, FCSC 101, FCWR 151	**CHEM 107** 4 *Engineering Chemistry I* Pre-req - TMAT 135	3 *Telecommunications Elective*	**TELE 310** 3 *Telecommunication Law and Policy* Pre-req - TELE 110	**TELE 321** 3 *Cellular and Wireless Technologies* Pre-req - TELE 110		**16**
YEAR FOUR	FALL	**ICBS 3XX** 3 *Behavioral Science Choice* Pre-req - FCIQ 101, FCSP 105, FCSC 101, FCWR 151	**ICLT 3XX** 3 *Literature Choice* Pre-req - FCIQ 101, FCSP 105, FCSC 101, FCWR 151	**ECON 201** 3 *Money and Banking* Pre-req - ECON 105	**TELE 420** 3 *Internetworking Technology I* Pre-req - CTEC 204, TELE 210	**CTEC 471** 3 *Internet Development* Pre-req - CTEC 204		**15**
	SPRING	**ICSS 309** 3 *Technology and Global Issues* Pre-req - FCIQ 101, FCSP 105, FCSC 101, FCWR 151 and Junior or Senior Status	**ACCT 101** 3 *Accounting I*	**TELE 431** 4 *Internetworking Technology II* Pre-req - TELE 420	**QANT 405** 3 *Management Science* Pre-req-ECON 110,MRKT 200,QANT 300 or Advisor Approval	3 *Tech Elective*		**16**
CREDITS		**127**						**127**

TELECOMMUNICATIONS NETWORK ELECTIVES (ELECTIVES MUST BE APPROVED BY THE DEPARTMENT CHAIRPERSON)						
COURSE	**CREDIT**	**PRE-REQUSITES**		**COURSE**	**CREDIT**	**PRE-REQUSITES**
TELE 330	3	TELE 110		ETEC 470	3	ETEC 231, PHYS 150
TELE 340	3	TELE 220		ETEC 490	3	CHAIRPERSON APPROVAL
TELE 345	3	TELE 220		ELECTIVE COURSE	3	CHAIRPERSON APPROVAL
TECHNOLOGY ELECTIVES: CSCI, ITEC, ETEC, CTEC, TELE. ETC						

rev. 4/12