

Telecommunications Technology (A.A.S. Degree)

2009 - 2011 Catalog

Major Code: 041

REMEDIAL SEQUENCE (if Required)

ESL 02 (6)	→	ESL 03 (6)	→	ENG 09 (4)
ENG 01 (4)	→	ENG 02 (4)		
RDL 01 (5)	→	RDL 02 (5)		
MTH 01 (4)	→	MTH 05 (6)	→	MTH 06 (6)

GRADUATION REQUIREMENTS

CAT - R	CAT - W	CAT - M
Writing Intensive Course I	Writing Intensive Course II	
2.0 GPA or higher		

FRESHMAN REQUIREMENT

OCD 01

¹ ENG 10 is designed for students who pass the CAT-R and score 6 on the CAT-W.

² HIS 11 is designed for students on the ENG 01/02 and/or RDL 01/02 level.

³ Instead of MTH 13, MTH 14, and MTH 15, students planning to transfer to a four-year college should take MTH 30, MTH 31, and MTH 32.

⁴ Students planning to transfer to a four-year college should take PHY 31 & 32 instead of PHY 21 & 22.

CORE REQUIREMENTS

ENG 10 ¹	Fundamentals of Composition and Rhetoric	OR	
ENG 11	Composition and Rhetoric I		3
CMS 11	Fundamentals of Interpersonal Communication		3
HIS 10	History of the Modern World	OR	
HIS 11 ²	Introduction to the Modern World		3
MTH 13 ³	Trigonometry & College Algebra		3
PEA	Physical Education activity course		1
Subtotal:			13

REQUIRED AREAS OF STUDY

ENG 23	Scientific & Technical Writing	3
MTH 14 ³	College Algebra and Introduction to Calculus	3
MTH 15 ³	Calculus	3
PHY 21 ⁴	Physics for Engineering Technology I	4
PHY 22 ⁴	Physics for Engineering Technology II	4
MUS 10	Music Survey	OR
ART 10	Art Survey	1
Subtotal:		18

SPECIALIZATION REQUIREMENTS

ELC 11	D.C. Circuit Analysis	4
ELC 15	Computer Applications in Technology	2
ELC 21	A.C. Circuit Analysis	4
ELC 25	Electronics I	4
ELC 96	Digital Systems I	4
TEC 11	Voice Communications	4
TEC 21	Data Communications	4
TEC 31	Local Area Networks	4
TEC 41	Advanced Topics in Telecommunications	4
Subtotal:		34

Total credits: 65