

Name _____

ID # _____

**2017-2018 NETWORKING SYSTEMS TECHNOLOGY –
Digital Communications Technician Option (NST3)
Associate of Applied Science Degree
Education Plan**

*Grades of “C” or better are required in all “Core Curriculum” and “Program Requirements” courses.
Students must also pass one approved industry certification prior to graduation.*

Placement ClassesEnglish (COM)

095 097 101 110 TRANSFER

Mathematics (MAT)

051 071 115 TRANSFER

Reading (COM)

050 070 N/A

CORE CURRICULUM

Grade	Semester	Course #	Course Name	Cr Hr
_____	_____	BUS 260	Project Management	3
_____	_____	NST 103	Fundamentals of Voice and Data Cabling	3
_____	_____	NST 105	System Maintenance	3
_____	_____	NST 131	Routing and Switching Essentials	3
_____	_____	NST 180	Internship I	4
_____	_____	NST 185	Internship II or NST Elective	3-4
_____	_____	NST 203	Scaling Networks	3
_____	_____	NST 219	Accessing the Wide Area Network (WAN)	3
_____	_____	_____	NST/_CPP Elective	3
SUB-TOTAL				28-29

PROGRAM REQUIREMENTS

_____	_____	NST 123	Telecommunications Concepts	3
_____	_____	NST 139	Wireless Technology	3
_____	_____	NST 235	Fiber Optic Technology	3
_____	_____	NST 265	Digital Home Technology Integration	3
_____	_____	NST 271	Business Communications Systems	3
_____	_____	NST 275	Voice Over IP or NST 285 T1 Networking II	3
_____	_____	NST 280	T1 Networking I	3
SUB-TOTAL				21

GENERAL EDUCATION REQUIREMENTS

_____	_____	COM 101	English Composition or COM 110 Honors Composition	3
_____	_____	COM 111	Oral Communications or COM 121 Public Speaking	3
_____	_____	MAT 115	College Algebra or MAT 118 Survey of College Mathematics	3
_____	_____	NST 101	Network Fundamentals	3
_____	_____	PHY 101	College Physics	4
_____	_____	PHY 102	College Physics Lab	
_____	_____	PSC 101	American Government or HST 105 Am. History to 1877 or HST 110 Am. History from 1877	3
SUB-TOTAL				19

GRADUATION REQUIREMENT

_____	_____	COM 125	Job Search Strategies	1
SUB-TOTAL				1
PROGRAM TOTAL				69-70

Pre-requisite Classes - if applicable

_____	_____	COM 050	Reading Fundamentals	_____	_____	COM 070	College Reading Preparation
_____	_____	COM 095	Basic Writing	_____	_____	COM 097	Intermediate Writing
_____	_____	MAT 051	Introductory Algebra	_____	_____	MAT 071	Intermediate Algebra

I understand this education plan is the list of courses (not including pre-requisite courses) I must pass in order to earn the degree/certificate I'm pursuing. It is my responsibility, with the assistance of my advisor, to ensure I have enrolled in and appropriately passed all courses required for graduation. Any degree exceptions will be agreed upon by my Department Chair, the Dean or Associate Dean of Instruction, and me and submitted to the Registrar on the Degree Exception form. I am responsible for knowing the graduation requirements for my program as they are listed in the catalog.

Student Signature / Date: _____ **Advisor Signature / Date:** _____

The signed original of this form should be submitted to the Academic Records Office upon initial enrollment, and copies should be kept by the student and advisor.

Sample Course of Study for the
Networking Systems Technology –
Digital Communications Technician Option
Associate of Applied Science Degree
(if not taking Outside Plant class as an elective)

<u>1st Fall Semester</u>		<u>21 hours</u>
COM 101	English Composition (2 nd 8 weeks)	3
COM 125	Job Search Strategies	1
MAT 051*	Introductory Algebra (1 st 8 weeks)	4
MAT 071*	Intermediate Algebra (2 nd 8 weeks)	4
NST 101	Network Fundamentals	3
NST 105	System Maintenance	3
NST 123	Telecommunications Concepts (1 st 8 weeks)	3
 <u>1st Spring Semester</u>		 <u>15 hours</u>
Math General Education Requirement		3
NST 103	Fundamentals of Voice and Data Cabling (1 st 8 weeks)	3
NST 131	Routing and Switching Essentials (2 nd 8 weeks)	3
NST 139	Wireless Technology	3
Social Science General Education Requirement		3
 <u>Summer Semester</u>		 <u>7-8 hours</u>
NST 180	Internship I (1 st 8 weeks)	4
NST 185	Internship II or NST Elective	3-4
 <u>2nd Fall Semester</u>		 <u>19 hours</u>
COM 111	Oral Communications	3
NST 203	Scaling Networks	3
NST 265	Digital Home Technology Integration	3
NST 271	Business Communications Systems	3
NST 280	T1 Networking I	3
PHY 101	College Physics	4
PHY 102	College Physics Lab	0
 <u>2nd Spring Semester</u>		 <u>15 hours</u>
BUS 260	Project Management	3
NST 219	Accessing the Wide Area Network (WAN)	3
NST 235	Fiber Optic Technology	3
NST 275	Voice Over IP or NST 285	3
NST or CPP Elective		3

* You may test into a higher math class based on your placement score.

Please read the course descriptions in our catalog on the State Tech website to check for additional pre-requisites for these classes.

You should apply for graduation during your 2nd Fall semester of classes.

Sample Course of Study for the
Networking Systems Technology –
Digital Communications Technician Option
Associate of Applied Science Degree
(if taking **Outside Plant class** as an elective)

<u>1st Fall Semester</u>		<u>20 hours</u>
COM 101	English Composition	3
COM 125	Job Search Strategies (1 st 8 weeks)	1
MAT 051*	Introductory Algebra	4
NST 101	Network Fundamentals	3
NST 105	System Maintenance	3
NST 123	Telecommunications Concepts (1 st 8 weeks)	3
NST 130	Climbing and Aerial Equipment Operations (2nd 8 weeks)	3
<u>1st Spring Semester</u>		<u>16 hours</u>
MAT 071*	Intermediate Algebra	4
NST 103	Fundamentals of Voice and Data Cabling (1 st 8 weeks)	3
NST 131	Routing and Switching Essentials (2 nd 8 weeks)	3
NST 139	Wireless Technology	3
Social Science General Education Requirement		3
<u>Summer Semester</u>		<u>7-8 hours</u>
NST 180	Internship I (1 st 8 weeks)	4
NST 185	Internship II or NST Elective	3-4
<u>2nd Fall Semester</u>		<u>18 hours</u>
COM 111	Oral Communications	3
Math General Education Requirement		3
NST 203	Scaling Networks	3
NST 265	Digital Home Technology Integration	3
NST 271	Business Communications Systems	3
NST 280	T1 Networking I	3
<u>2nd Spring Semester</u>		<u>16 hours</u>
BUS 260	Project Management	3
NST 219	Accessing the Wide Area Network (WAN)	3
NST 235	Fiber Optic Technology	3
NST 275	Voice Over IP or NST 285	3
PHY 101	College Physics	4
PHY 102	College Physics Lab	0

* You may test into a higher math class based on your placement score.

Please read the course descriptions in our catalog on the State Tech website to check for additional pre-requisites for these classes.

You should apply for graduation during your 2nd Fall semester of classes.