

entrance standards required), Certificate in Network Security.  
 Program Sites: North Carolina School of Telecommunications. Day and selected evening courses. Corporate and career-centered programs.

#### Course Requirements for Network Security Certificate

NET 125	Networking Basics	1-4-3
NET 126	Routing Basics	1-4-3
NET 225	Routing and Switching I	1-4-3
NET 226	Routing and Switching II	1-4-3
SEC 160	Security Fundamentals I	2-2-3

#### Credential: Certificate in Voice Over IP C25590TL

The Voice over IP Certificate is a certificate under the curriculum title of Networking Technology. This curriculum prepares students to understand and install various types of Voice over IP tools and models. This curriculum also develops operating skills needed to successfully manage and support these devices.

Coursework includes extensive hands-on experience with different network electronics, operating systems, and Voice over IP tools. Classes cover installation and support of various Voice over IP electronics, Voice over IP software, troubleshooting, administrative responsibilities, and other tools.

Graduates should qualify for positions such as: LAN/PC VoIP technician and network VoIP technician. Graduates may also be prepared to sit for certification exams that can result in industry-recognized credentials. Credits earned in this certificate program will transfer into the Associate in Applied Science Degree in Network Technology. Students must meet the higher entrance requirements.

Program Length: 3 semesters

Career Pathway Options: Associate in Applied Science Degree in Network Technology (Higher entrance standards required), Diploma in Network Technology (Higher entrance standards required), Certificate in Network Voice Over IP.

Program Sites: North Carolina School of Telecommunications. Day and selected evening courses. Corporate and career-centered programs.

#### Course Requirements for Voice Over IP Certificate:

NET 125	Networking Basics	1-4-3
NET 126	Routing Basics	1-4-3
NET 225	Routing and Switching I	1-4-3
NET 226	Routing and Switching II	1-4-3
NET 241	VOIP Fundamentals	2-3-3

### Commercial and Artistic Production Technologies

#### Broadcasting Production Technology Credential: Associate in Applied Science Degree in Broadcasting Production Technology A30120

Students enrolled in the Broadcasting Production Technology curriculum will develop professional skills in radio, television, audio, video, and related applications.

Training emphasizes speech, script writing, production planning, editing, and post production. Students - also study the development of the broadcasting industry, sales, ethics, law, marketing, and management. Hands-on training and teamwork approaches are essential to the instructional process.

Upon successful completion, students are prepared to enter broadcasting, production, and related industries in a variety of occupations.

Program Length: 6 semesters

Career Pathway Options: Associate in Applied Science Degree in Broadcasting Production Technology

Note: Associate in Applied Science students may begin with the Radio or the TV Production sequence.

Program Sites: Lee Campus - Day Program; Harnett Campus – Selected courses

#### Course Requirements for Broadcasting Production Technology Degree

<b>A. General Education Courses (15 SHC)</b>		C-L-SHC
ENG 111	Writing and Inquiry	3-0-3
MAT 110	Math Measurement & Literacy	2-2-3
	Humanities/Fine Arts Requirement	3-0-3
	Social/Behavioral Science Requirement	3-0-3

Communications—Take one course:

ENG 113	Literature-Based Research	3-0-3
ENG 114	Professional Research and Reporting	3-0-3
ENG 115	Oral Communication	3-0-3

#### B. Major Requirements (13 SHC)

BPT 110	Introduction to Broadcasting	3-0-3
BPT 111	Broadcast Law and Ethics	3-0-3
BPT 112	Broadcast Writing	3-2-4
BPT 113	Broadcast Sales	3-0-3

#### C. Other Major Requirements (40-41 SHC)

BPT 121	Broadcast Speech I	2-3-3
BPT 122	Broadcast Speech II	2-3-3
BPT 131	Audio/Radio Production I	2-6-4
BPT 132	Audio/Radio Production II	2-6-4
BPT 135	Radio Performance I	0-6-2
BPT 210	Broadcast Management	3-0-3
BPT 215	Broadcast Programming	3-0-3

BPT 231	Video/TV Production I	2-6-4
BPT 232	Video/TV Production II	2-6-4
BPT 235	TV Performance I	0-6-2
BPT 250	Institutional Video	2-3-3
CIS 110	Introduction to Computers	2-2-3
WBL 111	Work-Based Learning I	0-10-1

Major Electives—Take one course:

BPT 236	TV Performance II	0-6-2
WBL 121	Work-Based Learning II	0-10-1

**D. Other Requirements (1 SHC)**

Student Success—Take one course:

ACA 111	College Student Success	1-0-1
ACA 115	Success and Study Skills	0-2-1
ACA 122	College Transfer Success	1-0-1

Total Semester Hours Credit Required for Graduation: 69

**Broadcasting Production Technology  
Credential: Radio Broadcasting Production  
Technology Diploma  
D3012010**

Students enrolled in the Radio Broadcasting Production Technology diploma curriculum will develop professional skills in radio, audio, and related applications. Training will emphasize speech, script writing, radio production planning, editing, and post production. Students will also study the development of the radio broadcasting industry, sales, ethics, law, marketing, and management. Hands-on training and teamwork approaches are essential to the instructional process.

Upon successful completion, students are prepared to enter radio broadcasting, production, and related industries in a variety of occupations. Credits earned in this program may be transferred toward an Associate in Applied Science Degree in Broadcasting Production Technology provided the student meets the entrance requirements for the degree program.

Program Length: 3 semesters

Career Pathway Options: Associate in Applied Science Degree in Broadcasting Production Technology (Higher entrance standards required); Diploma in Television Broadcasting Production Technology  
Program Sites: Lee Campus - Day Program; Harnett Campus – Selected courses

**Course Requirements for Radio Broadcasting  
Production Technology Diploma**

A. General Education Courses (6 SHC)		C-L-SHC
ENG 111	Writing and Inquiry	3-0-3
	Social/Behavioral Science Requirement	3-0-3

**B. Required Major Core Courses (13 SHC)**

BPT 110	Introduction to Broadcasting	3-0-3
BPT 111	Broadcast Law and Ethics	3-0-3
BPT 112	Broadcast Writing	3-2-4
BPT 113	Broadcast Sales	3-0-3

**C. Other Major Hours Required for Graduation (17 SHC)**

BPT 121	Broadcast Speech I	2-3-3
BPT 122	Broadcast Speech II	2-3-3
BPT 131	Audio/Radio Production I	2-6-4
BPT 132	Audio/Radio Production II	2-6-4
BPT 135	Radio Performance I	0-6-2
WBL 111	Work-Based Learning I	0-10-1

**D. Other Requirements (1 SHC)**

Student Success—Take one course:

ACA 111	College Student Success	1-0-1
ACA 115	Success and Study Skills	0-2-1
ACA 122	College Transfer Success	1-0-1

Total Semester Hours Credit Required for Graduation: 37

**Broadcasting Production Technology  
Credential: Television Broadcasting  
Production Technology Diploma  
D3012020**

Students enrolled in the Television Broadcasting Production Technology diploma curriculum develop professional skills in television and video production, and related applications. Training emphasizes speech, script writing, television production planning, editing, and post production. Students also study the development of the television broadcasting industry, sales, ethics, law, marketing, and management. Hands-on training and teamwork approaches are essential to the instructional process.

Upon successful completion, students are prepared to enter television and video production and related industries in a variety of occupations. Credits earned in this program may be transferred toward an Associate Degree in Broadcasting Production Technology provided the student meets the entrance requirements for the degree program.

Program Length: 3 semesters

Career Pathway Options: Associate in Applied Science Degree in Broadcasting Production Technology (Higher entrance standards required); Diploma in Radio Broadcasting Production Technology.  
Program Sites: Lee Campus - Day Program; Harnett Campus – Selected courses

**Course Requirements for Television Broadcasting  
Production Technology Diploma**

A. General Education Courses (6 SHC)		C-L-SHC
ENG 111	Writing and Inquiry	3-0-3
	Social/Behavioral Science Requirement	3-0-3

**B. Required Major Core Courses (13 SHC)**

BPT 110	Introduction to Broadcasting	3-0-3
BPT 111	Broadcast Law and Ethics	3-0-3
BPT 112	Broadcast Writing	3-2-4
BPT 113	Broadcast Sales	3-0-3

**C. Other Major Hours Required (17/18 SHC)**

BPT 121	Broadcast Speech I	2-3-3
BPT 122	Broadcast Speech II	2-3-3
BPT 231	Video/TV Production I	2-6-4
BPT 232	Video/TV Production II	2-6-4
BPT 235	TV Performance I	0-6-2

**Elective: Take One Course**

BPT 236	TV Performance II	0-6-2
WBL 121	Work-Based Learning I	0-10-1

**D. Other Requirements (1 SHC)**

Student Success—Take one course		
ACA 111	College Student Success	1-0-1
ACA 115	Success and Study Skills	0-2-1
ACA 122	College Transfer Success	1-0-1

Total Semester Hours Credit Required for Graduation:37/38

**Credential: Audio/Radio Production**

**Certificate**

**C3012010**

This certificate program is designed for individuals interested in development, production, and presentation of audio programming elements for broadcast and/or other electronic media applications. Emphasis is placed on the proper operation of professional audio equipment, related software, and perceptual effects of sound. Upon completion, students should be able to correctly operate audio recording and playback equipment, operate the college radio station , and show improvement and aptitude in proper articulation and pronunciation.

**Course requirements for Audio/Radio Production**

**Certificate:**

Program Major:

BPT 121	Broadcast Speech I	2-3-3
BPT 122	Broadcast Speech II	2-3-3
BPT 131	Audio/Radio Production I	2-6-4
BPT 132	Audio/Radio Production II	2-6-4
BPT 135	Radio Performance I	0-6-2

Total Semester Hours Credit Required: 16

**Credential: Video/TV Production Certificate**

**C3012020**

This certificate program is designed for individuals interested in film, video, shot composition, lighting, production planning, scripting, editing, and operation of

video and television production equipment and related software for broadcast and/or other electronic media applications. Emphasis is placed on techniques followed in producing all forms of video and television production. Upon completion students should be able to produce basic video and television productions in a team environment, operate the college television studio and/or cable channels, and show improvement and aptitude in proper articulation and pronunciation.

**Course requirements for Video/TV Production**

**Certificate:**

Program Major:

BPT 121	Broadcast Speech I	2-3-3
BPT 122	Broadcast Speech II	2-3-3
BPT 231	Video/TV Production I	2-6-4
BPT 232	Video/TV Production II	2-6-4
BPT 235	TV Performance I	0-6-2

Total Semester Hours Credit Required: 16