



**NORTH CAROLINA COMMUNITY COLLEGE SYSTEM**

*R. Scott Ralls, Ph.D.*

*President*

**MEMORANDUM**

TO: Presidents  
Chief Academic Officers

FROM: Wesley Beddard, Associate Vice President  
Programs

SUBJECT: State Board Action on January 16, 2015  
Curriculum Standard Revisions

On January 16, 2015, the State Board of Community Colleges approved the requested revision to the following curriculum standards:

Basic Law Enforcement Training (Certificate) (C55120)  
Interpreter Education (A55300)  
Nuclear Technology (A50460)

Please be aware that you must implement the revised standards no later than one year after the effective term. You must update your college's electronic programs of study and receive approval from the System Office prior to implementation of the revised program.

If you have any questions concerning the State Board action item, please contact Ms. Jennifer Frazelle at 919.807.7120 or [frazellej@nccommunitycolleges.edu](mailto:frazellej@nccommunitycolleges.edu). An outline of the specific revisions and revised standard is attached for your convenience. You may view all curriculum standards and courses by visiting the Programs website at:

<http://www.nccommunitycolleges.edu/Programs/index.html>

WB/JF/gr

Attachments

c: Dr. Lisa M. Chapman  
Ms. Elizabeth Self  
Ms. Jennifer Frazelle  
Program Coordinators

CC15-006

Email

**Outline of Curriculum Standard Revisions  
State Board of Community Colleges – January 16, 2015**

**Basic Law Enforcement Training (Certificate) (C55120) Revision:**

- *Revised the curriculum description to remove the requirement that students must pass the state Basic Law Enforcement Training (BLET) certification exam as a requirement of successful completion of the curriculum program.*

**Interpreter Education (A55300) Revision:**

- Added the following course to the Core:

*ASL 211 Intermediate ASL I*

**Nuclear Technology (A50460) Revision:**

- Added the following courses as choices to the core of the curriculum standard:

*CSC 133 C Programming*

*PHY 151 College Physics I*

*PHY 152 College Physics II*

# CURRICULUM STANDARD

Effective Term  
Spring 2015  
[2015\*01]

Curriculum Program Title      **Basic Law Enforcement Training (Certificate)**      Code      **C55120**  
Concentration      **(not applicable)**

## *Curriculum Description*

Basic Law Enforcement Training (BLET) is designed to give students essential skills required for entry-level employment as law enforcement officers with state, county, or municipal governments, or with private enterprise.

This program utilizes State commission-mandated topics and methods of instruction. General subjects include, but are not limited to, criminal, juvenile, civil, traffic, and alcohol beverage laws; investigative, patrol, custody, and court procedures; emergency responses; and ethics and community relations.

Students must successfully complete and pass all units of study mandated by the North Carolina Criminal Justice Education and Training Standards Commission and the North Carolina Sheriffs' Education and Training Standards Commission to receive a certificate.

## *Curriculum Requirements\**

*[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.97(3)]*

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
<b>Total Semester Hours Credit (SHC)</b>	<b>64-76</b>	<b>36-48</b>	<b>12-18</b>

*\*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

## *Major Hours*

*[ref. 1D SBCCC 400.94(3)]*

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
  
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
  
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

### **Basic Law Enforcement Training (Certificate) C55120\*\***

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>
<b>Minimum Major Hours Required</b>	<b>49 SHC</b>	<b>30 SHC</b>	<b>12 SHC</b>
<b>A. CORE</b>  <b>Required Courses:</b> CJC 100   Basic Law Enforcement Training                      19 SHC  <b>Required Subject Areas:</b> None			<b>19 SHC**</b>
<b>B. CONCENTRATION</b> <i>(Not applicable)</i>			<b>NA</b>
<b>C. OTHER MAJOR HOURS</b> <i>(Not applicable)</i>			<b>NA</b>
<b>D. OTHER REQUIRED HOURS</b> <i>(Not applicable)</i>			<b>NA</b>

*\*\* This program is approved by the State Board of Community Colleges to exceed maximum standard hours for a certificate program .  
[ref. 1D SBCCC 400.95(d)].*

# CURRICULUM STANDARD

Effective Term  
Fall 2015  
[2015\*03]

Curriculum Program Title

**Interpreter Education**

Code

**A55300**

Concentration

**(not applicable)**

**CIP Code: 16.1603**

## *Curriculum Description*

The Interpreter Education curriculum prepares individuals to work as entry-level Sign Language Interpreters who will provide communication access in interview and interactive settings. In addition, this curriculum provides in-service training for working interpreters who want to upgrade their skills.

Course work includes the acquisition of American Sign Language (ASL); grammar, structure, and sociolinguistic properties; cognitive processes associated with interpretation between ASL and English; the structure and character of the deaf community; and acquisition of consecutive and simultaneous interpreting skills.

Entry-level jobs for para-professional interpreters are available in educational systems or a variety of community settings. Individuals may choose from part-time, full-time, or self-employment/free lance positions or apply language skills to other human service related areas.

## *Curriculum Requirements\**

*[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.97 (3)]*

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
<b>Total Semester Hours Credit (SHC)</b>	<b>64-76</b>	<b>36-48</b>	<b>12-18</b>

*\*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

## **Major Hours**

*[ref. 1D SBCCC 400.97 (3)]*

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

### **Interpreter Education A55300**

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>																																	
<b>Minimum Major Hours Required</b>	<b>49 SHC</b>	<b>30 SHC</b>	<b>12 SHC</b>																																	
<p><b>A. CORE</b>  <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required core of the AAS degree.</i></p> <p><b>Required Courses:</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>ASL 111</td><td>Elementary ASL I</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>ASL 112</td><td>Elementary ASL II</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>ASL 211</td><td>Intermediate ASL I</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>ASL 250</td><td>Linguistics of ASL</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>IPP 111</td><td>Introduction to Interpretation</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>IPP 112</td><td>Comparative Cultures</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>IPP 152</td><td>ASL/English Translation</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>IPP 161</td><td>Consecutive Interpreting</td><td style="text-align: right;">5 SHC</td></tr> <tr><td>IPP 221</td><td>Simultaneous Interpreting I</td><td style="text-align: right;">5 SHC</td></tr> <tr><td>WBL 111</td><td>Work-Based Learning I</td><td style="text-align: right;">1 SHC</td></tr> <tr><td>WBL 115</td><td>Work-Based Learning Seminar I</td><td style="text-align: right;">1 SHC</td></tr> </table> <p><b>Required Subject Areas:</b> None</p>	ASL 111	Elementary ASL I	3 SHC	ASL 112	Elementary ASL II	3 SHC	ASL 211	Intermediate ASL I	3 SHC	ASL 250	Linguistics of ASL	3 SHC	IPP 111	Introduction to Interpretation	3 SHC	IPP 112	Comparative Cultures	3 SHC	IPP 152	ASL/English Translation	3 SHC	IPP 161	Consecutive Interpreting	5 SHC	IPP 221	Simultaneous Interpreting I	5 SHC	WBL 111	Work-Based Learning I	1 SHC	WBL 115	Work-Based Learning Seminar I	1 SHC	<b>33 SHC</b>	<b>12 SHC</b>	
ASL 111	Elementary ASL I	3 SHC																																		
ASL 112	Elementary ASL II	3 SHC																																		
ASL 211	Intermediate ASL I	3 SHC																																		
ASL 250	Linguistics of ASL	3 SHC																																		
IPP 111	Introduction to Interpretation	3 SHC																																		
IPP 112	Comparative Cultures	3 SHC																																		
IPP 152	ASL/English Translation	3 SHC																																		
IPP 161	Consecutive Interpreting	5 SHC																																		
IPP 221	Simultaneous Interpreting I	5 SHC																																		
WBL 111	Work-Based Learning I	1 SHC																																		
WBL 115	Work-Based Learning Seminar I	1 SHC																																		
<b>B. CONCENTRATION</b> <i>(Not applicable)</i>																																				
<p><b>C. OTHER MAJOR HOURS</b>  <i>To be selected from the following prefixes:</i></p> <p>ANT, ASL, BIO, BUS, CIS, CJC, CSC, DDT, DRA, EDU, GRO,  HSE, HUM, IPP, MAT, MED, OST, POL, PSY, SAB, SOC, SWK, and WBL</p> <p><i>Up to three semester hour credits may be selected from the following prefixes: ARA, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i></p>																																				

# CURRICULUM STANDARD

*Effective Term*  
Fall 2015  
[2015\*03]

Curriculum Program Title	<b>Nuclear Technology</b>	Code	<b>A50460</b>
Concentration	<b>(not applicable)</b>		<i>CIP Code:41.0205</i>

## ***Curriculum Description***

The Nuclear Technology curriculum prepares individuals to become qualified reactor field technicians who are employed by licensed nuclear reactor facilities.

Course work includes theory and application related to industrial and engineering technology disciplines including nuclear reactor theory, reactor systems, industrial and nuclear safety, instrumentation, electrical generation, automation and robotics, and may include quality control, welding, and various metallurgical inspection procedures.

Upon completion, graduates should qualify as entry-level nuclear reactor technicians and have academic preparations to advance into other industrial or engineering technician positions within the commercial nuclear power industry.

## ***Curriculum Requirements\****

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.97(3)]

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
  
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
  
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
<b>Total Semester Hours Credit (SHC)</b>	<b>64-76</b>	<b>36-48</b>	<b>12-18</b>

---

\*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

## Major Hours

[ref. 1D SBCCC 400.97 (3)]

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** (if applicable). A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

### Nuclear Technology A50460

	AAS	Diploma	Certificate
<b>Minimum Major Hours Required</b>	<b>49 SHC</b>	<b>30 SHC</b>	<b>12 SHC</b>
<p><b>A. CORE</b>  <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject/course core of the AAS degree.</i></p> <p><b>Required Courses:</b></p> <p>NUC 110 Nuclear Reactor Systems 3 SHC            NUC 120 Nuclear Reactor Theory 4 SHC</p> <p><b>Required Subject Areas:</b></p> <p><b>Computers. Choose one:</b></p> <p>CIS 110 Introduction to Computers 3 SHC <i>or</i>            CIS 115 Intro to Prog &amp; Logic 3 SHC            CSC 133 C Programming 3 SHC</p> <p><b>Fluids/Hydraulics. Choose one:</b></p> <p>HYD 110 Hydraulics/Pneumatics I 3 SHC <i>or</i>            MEC 265 Fluid Mechanics 3 SHC</p> <p><b>Physics. Choose one set:</b></p> <p>PHY 131 Physics–Mechanics 4 SHC <i>and</i>            PHY 132 Physics–Elec and Magnetism 4 SHC</p> <p><i>or</i></p> <p>PHY 151 College Physics I 4 SHC <i>and</i>            PHY 152 College Physics II 4 SHC</p> <p><b>Nuclear Systems/Operations. Choose a group (8–9 shc):</b></p> <p>NUC 210 Nuclear Steam Plant Systems 4 SHC</p> <p>NUC 220 Nuclear Primary Plant Systems 4 SHC</p> <p style="text-align: center;"><i>Or</i></p> <p>ISC 130 Intro to Quality Control 3 SHC</p> <p>NUC 130 Applied NDE-Nuclear 2 SHC            WLD 112 Basic Welding Processes 2 SHC            WLD 143 Welding Metallurgy 2 SHC</p>	<b>29-30 SHC</b>	<b>12 SHC</b>	
<b>B. CONCENTRATION</b> (Not applicable)			
<p><b>C. OTHER MAJOR HOURS</b> <i>To be selected from the following prefixes:</i>            ATR, CHM, CIS, CSC, ELC, ELN, HYD, ISC, MAT, MEC, NUC, PCI,            PHY, WBL, and WLD</p> <p><i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i></p>			