CURRICULUM STANDARD

Curriculum Program Title	**Veterinary Medical Technology**	Program Code	**A45780**
Concentration	**(not applicable)**	CIP Code	*51.0808*

Curriculum Description

This curriculum is designed to prepare individuals to assist veterinarians in preparing animals, equipment, and medications for examination and surgery; collecting specimens; performing laboratory, radiographic, anesthetic, dental procedures; assisting in surgery; and providing proper husbandry of animals and their environment.

Course work includes instruction in veterinary anatomy, nutrition, parasitology, pathology, physiology, radiology, terminology, zoology, office practices, laboratory techniques, dentistry, and small and large animal clinical practices.

Graduates of accredited programs may be eligible to take state and national examinations administered by the North Carolina Veterinary Medical Board. Graduates may be employed in veterinary clinics; diagnostic, research, or pharmaceutical laboratories; zoos; academic institutions; or other areas associated with animal care.

*Curriculum Requirements**

[for associate degree, diploma, and certificate programs in accordance with *1D SBCCC 400.10*]

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.

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

*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

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.

Veterinary Medical Technology A45780

	AAS	Diploma	Certificate
Minimum Major Hours Required	**49 SHC**	**30 SHC**	**12 SHC**

A.   **CORE**
 *A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the core courses of the AAS degree designated with **
 	
 Required Courses:
     WBL 112 Work-Based Learning I 2 SHC
 * VET 110 Animal Breeds & Husbandry 3 SHC
 * VET 120 Veterinary Anatomy & Physiology 4 SHC
 * VET 123 Veterinary Parasitology 3 SHC
 * VET 125 Veterinary Diseases I 2 SHC
 * VET 126 Veterinary Diseases II 2 SHC
 * VET 131 Veterinary Laboratory Techniques I 3 SHC
 * VET 133 VET Clinical Practice I 3 SHC
 * VET 137 Veterinary Office Practices 2 SHC
 * VET 211 Veterinary Laboratory Techniques II 3 SHC
 * VET 212 Veterinary Laboratory Techniques III 3 SHC
 * VET 213 VET Clinical Practice II 4 SHC
 * VET 214 VET Clinical Practice III 4 SHC
 * VET 215 Veterinary Pharmacology 3 SHC
 * VET 217 Large Animal Clinical Practice 3 SHC
 * VET 237 Animal Nutrition 3 SHC
 	
 Required Subject Area:
 * **Medical Terminology.** Select one:
     MED 121 Medical Terminology I 3 SHC
     VET 121 VET Medical Terminology 3 SHC
	50 SHC	**12 SHC**	

B. **CONCENTRATION** *(Not applicable)*			
C. **OTHER MAJOR HOURS** *To be selected from the following prefixes:* BIO, CHM, CIS, CSC, HSC, MED, OST, VET, and WBL *Up to two semester hour credits may be selected from ACA.* *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.*			