

CURRICULUM STANDARD

Effective Term
Spring 2009
[2009*01]

Curriculum Program Title

Veterinary Medical Technology

Code

A45780

Concentration

(not applicable)

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 23 NCAC 02E.0204 (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 experience, including cooperative education, practicums, and internships, 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

[ref. 23 NCAC 02E.0204 (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 experience, including cooperative education, practicums, and internships, 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.

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	AAS	Diploma	Certificate																																																
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																																
<p>A. CORE <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the core courses of the AAS degree designated with *</i></p> <p>Required Courses:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 10%;">COE 112</td> <td style="width: 70%;">Co-op Work Experience I</td> <td style="width: 20%; text-align: right;">2 SHC</td> </tr> <tr> <td>* VET 110</td> <td>Animal Breeds & Husbandry</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 120</td> <td>Veterinary Anatomy & Physiology</td> <td style="text-align: right;">4 SHC</td> </tr> <tr> <td>* VET 123</td> <td>Veterinary Parasitology</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 125</td> <td>Veterinary Diseases I</td> <td style="text-align: right;">2 SHC</td> </tr> <tr> <td>* VET 126</td> <td>Veterinary Diseases II</td> <td style="text-align: right;">2 SHC</td> </tr> <tr> <td>* VET 131</td> <td>Veterinary Laboratory Techniques I</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 133</td> <td>VET Clinical Practice I</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 137</td> <td>Veterinary Office Practices</td> <td style="text-align: right;">2 SHC</td> </tr> <tr> <td>* VET 211</td> <td>Veterinary Laboratory Techniques II</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 212</td> <td>Veterinary Laboratory Techniques III</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 213</td> <td>VET Clinical Practice II</td> <td style="text-align: right;">4 SHC</td> </tr> <tr> <td>* VET 214</td> <td>VET Clinical Practice III</td> <td style="text-align: right;">4 SHC</td> </tr> <tr> <td>* VET 215</td> <td>Veterinary Pharmacology</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 217</td> <td>Large Animal Clinical Practice</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>* VET 237</td> <td>Animal Nutrition</td> <td style="text-align: right;">3 SHC</td> </tr> </table> <p>Required Subject Area: * Medical Terminology. Select one: MED 121 Medical Terminology I 3 SHC VET 121 VET Medical Terminology 3 SHC</p>	COE 112	Co-op Work Experience 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	50 SHC	12 SHC	
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<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i></p> <p>BIO, CHM, CIS, COE, CSC, HSC, MED, OST, and VET</p> <p><i>Foreign language courses (including ASL) that are not designated as approved other major hours may be included in all programs up to a maximum of 3 semester hours of credit.</i></p>																																																			