

# ASSOCIATE IN SCIENCE - VETERINARY TECHNOLOGY

**Previous Degree Required:** HS Diploma

**Eligible for Financial Aid:** Yes

**Delivery Method(s):** On-Campus, Hybrid, Online

**Location(s):** Cocoa

**Additional Limited Access Application Process Required:** Yes

**Program Testing Requirements:** Assessment in Reading, Writing, and Math

**Academic Community:** HSCI

**Program Code:** VTAS

**Classification of Instructional Programs (CIP) Code:** 01.8301

**Florida Department of Education CIP Code:** 1301830100

- **Leads to State or Organizational License or Certification:** National: Veterinary Technician National Exam (VTNE)
- **Cost Associated with taking the exam:** \$345
- **Where to take the exam:** [American Association of Veterinary State Boards \(AAVSB\)](#)

This is a two-year associate in science degree program. The curriculum includes relevant general education courses, veterinary technology, and veterinary support courses. Students complete at least two years of academic study including clinical practice under the supervision of Eastern Florida faculty in the college's veterinary technology building and designated external clinical sites. General education courses and support courses may be completed prior to admission to the program or concurrently with program courses. Completion of all general education courses prior to program application will aid in obtaining bonus points toward program selection (details in program application packet).

After successful completion of the Veterinary Technology program and national boards, the graduate may apply for state certification in veterinary technology.

The A.S. Veterinary Technology degree has the following associated College Credit Certificate (CCC):

- [Veterinary Assisting CCC](#)

Admission requirements for the program are available in the program application packet at Building 20, room 233, Cocoa campus.

Refer to the [Associate in Science Degree Programs](#) overview to find information about admission, graduation, general education and other requirements. Students who need technical electives will work with a bachelor's advisor to determine the courses best suited to their plan of study.

Visit the [program page](#) for information or call (321) 433-7575.

## Program Requirements

Code	Title	Credit Hours
<b>General Education Courses</b>		
<b>Major Courses</b>		
BSCC 1010	General Biology 1	4
ENC 1101	Composition 1	3
MAC 1105	College Algebra	3

<a href="#">Humanities Core Requirement</a>		3
<a href="#">Social/Behavioral Science/Core-Civic Literacy Requirement</a>		3
<b>Major Courses</b>		
ATE 1110	Animal Anatomy	3
ATE 1211	Animal Physiology	3
ATE 1601	Principles of Nutrition for Veterinary Technicians	1
ATE 1636	Large Animal Clinical and Veterinary Technician Skills	2
ATE 1742	Applied Veterinary Medical Terminology	1
ATE 1943	Veterinary Work Experience 1	1
ATE 1944	Veterinary Work Experience 2	1
ATE 2613	Small Animal Diseases and Pharmacology 1	3
ATE 2614	Small Animal Diseases and Pharmacology 2	3
ATE 2632	Veterinary Surgical Nursing 2	3
ATE 2638	Animal Clinical Pathology 1	3
ATE 2639	Animal Clinical Pathology 2	3
ATE 2654	Advanced Anesthesia, Surgery, and Radiography	3
ATE 2661	Large Animal Diseases	1
ATE 2710	Emergency Medicine for Animals	2
ATE 2945	Veterinary Work Experience 3	1
ATE 2946	Veterinary Work Experience 4	1
ATEC 1671	Laboratory Animal Medicine	2
ATEC 2722	Avian and Exotic Animal Medicine	2
ATEL 1110	Animal Anatomy Laboratory	2
ATEL 1311	Veterinary Office Procedures	3
ATEL 1650	Introduction to Exam Room and Clinical Procedures	1
ATEL 1652	Introduction to Anesthesia, Surgery, and Radiography	1
ATEL 2501	Professional Development and Ethics Seminar	1
ATEL 2613	Small Animal Diseases and Pharmacology 1 Laboratory	1
ATEL 2614	Small Animal Diseases and Pharmacology 2 Laboratory	1
ATEL 2632	Veterinary Surgical Nursing 2 Laboratory	1
ATEL 2638	Animal Clinical Pathology 1 Laboratory	2
ATEL 2639	Animal Clinical Pathology 2 Laboratory	2
ATEL 2654	Advanced Anesthesia, Surgery, and Radiography Laboratory	1
ATEL 2656	Large Animal Clinical and Veterinary Technician Skills Laboratory	1
HSC 1149	Principles of Analgesic and Anesthetic Pharmacology	1

**Total Credit Hours** **73**

- Satisfy the [civic literacy competency](#) requirement

*A grade of "C" or higher is necessary in each major course for progression and graduation.*

## Additional Courses

Following are optional courses that cannot be substituted for any of the program major courses. However, students are encouraged to take them to better prepare themselves for a career in Veterinary Technology.

Code	Title	Credit Hours
ATE 1001	Introduction to Veterinary Technology	1
ATE 2936	Special Topics Seminar	1
ATEC 2050	Domestic Animal Breeds and Behavior	2

## Course Sequence

The following sequence is recommended. However, courses may not be offered in this order, so it is important that you work with an advisor to plan your schedule based on your specific needs.

Course	Title	Credit Hours
<b>Year 1</b>		
<b>Term 1</b>		
BSCC 1010	General Biology 1	4
ATE 1110	Animal Anatomy	3
ATE 1601	Principles of Nutrition for Veterinary Technicians	1
ATE 1742	Applied Veterinary Medical Terminology	1
ATE 1943	Veterinary Work Experience 1	1
ATEL 1110	Animal Anatomy Laboratory	2
ATEL 1311	Veterinary Office Procedures	3
ATEL 1650	Introduction to Exam Room and Clinical Procedures	1
<b>Credit Hours</b>		<b>16</b>
<b>Term 2</b>		
ATE 1211	Animal Physiology	3
ATE 1636	Large Animal Clinical and Veterinary Technician Skills	2
ATE 1944	Veterinary Work Experience 2	1
ATE 2638	Animal Clinical Pathology 1	3
ATEC 1671	Laboratory Animal Medicine	2
ATEL 1652	Introduction to Anesthesia, Surgery, and Radiography	1
ATEL 2638	Animal Clinical Pathology 1 Laboratory	2
ENC 1101	Composition 1	3
HSC 1149	Principles of Analgesic and Anesthetic Pharmacology	1
<b>Credit Hours</b>		<b>18</b>
<b>Term 3</b>		
MAC 1105	College Algebra	3
<a href="#">Humanities Core Requirement</a>		3
<b>Credit Hours</b>		<b>6</b>
<b>Term 4</b>		
ATE 2613	Small Animal Diseases and Pharmacology 1	3
ATE 2632	Veterinary Surgical Nursing 2	3
ATE 2639	Animal Clinical Pathology 2	3
ATE 2945	Veterinary Work Experience 3	1
ATEL 2613	Small Animal Diseases and Pharmacology 1 Laboratory	1
ATEL 2632	Veterinary Surgical Nursing 2 Laboratory	1
ATEL 2639	Animal Clinical Pathology 2 Laboratory	2

<a href="#">Social/Behavioral Science/Core-Civic Literacy Requirement</a>		3
<b>Credit Hours</b>		<b>17</b>
<b>Term 5</b>		
ATE 2614	Small Animal Diseases and Pharmacology 2	3
ATE 2654	Advanced Anesthesia, Surgery, and Radiography	3
ATE 2661	Large Animal Diseases	1
ATE 2710	Emergency Medicine for Animals	2
ATE 2946	Veterinary Work Experience 4	1
ATEC 2722	Avian and Exotic Animal Medicine	2
ATEL 2501	Professional Development and Ethics Seminar	1
ATEL 2614	Small Animal Diseases and Pharmacology 2 Laboratory	1
ATEL 2654	Advanced Anesthesia, Surgery, and Radiography Laboratory	1
ATEL 2656	Large Animal Clinical and Veterinary Technician Skills Laboratory	1
<b>Credit Hours</b>		<b>16</b>
<b>Total Credit Hours</b>		<b>73</b>

## Learning Outcomes

1. Apply clinical pathology and veterinary technician skills
  - *Core Ability Supported: Think Critically and Solve Problems*
2. Demonstrate the theoretical and practical application of clinical pathology and veterinary technician skills
  - *Core Ability Supported: Think Critically and Solve Problems*
3. Demonstrate practical application of veterinary technician, anesthesia, pharmacologic and radiologic skills
  - *Core Ability Supported: Think Critically & Solve Problems*
4. Student - Demonstrate accurate recordkeeping through completion of Essential Skills list
  - *Core Ability Supported: Communicate Effectively*
5. Faculty – Demonstrate accurate recordkeeping through completion of Essential Skills list
  - *Core Ability Supported: Communicate Effectively*
6. Clinical Site – Demonstrate accurate recordkeeping through completion of Essential Skills list
  - *Core Ability Supported: Communicate Effectively*
7. Prepare for Veterinary Technician National Exam (VTNE®)
  - *Core Ability Supported: Process Information*