

VETERINARY TECHNOLOGY, ASSOCIATE IN SCIENCE

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 Health Sciences

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.

Admission to the Veterinary Technology program is limited. Admission requirements for the program are available in the program application packet at Building 20, room 233, Cocoa campus.

[Visit the program page for more details and how to apply](#) or call (321) 433-7575.

Curriculum

| Code | Title | Credit Hours |
|----------------------------------|---|--------------|
| General Education Courses | | |
| Major Courses | | |
| BSCC 1010 | General Biology 1 | 4 |
| ENC 1101 | Composition 1 | 3 |
| MAC 1105 | College Algebra | 3 |
| | Humanities Core Requirement | 3 |
| | Social/Behavioral Science/Core-Civic Literacy Requirement | 3 |
| Major Courses | | |
| ATE 1110 | Animal Anatomy | 3 |
| ATE 1211 | Animal Physiology | 3 |
| ATE 1601 | Principles of Nutrition for Veterinary Technicians | 1 |

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|-----------|---|---|
| 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 Technical Surgical Care | 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 Technical Surgical Care 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 Large Animal Clinical and Veterin | 1 |
| HSC 1149 | Principles of Analgesic and Anesthetic Pharmacology | 1 |

Technical Electives

[Optional Technical Electives](#)

Total Credit Hours 73

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

Technical Electives

Elective courses are optional courses and 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 | Small Animal Behavior | 2 |

| Course | Title | Credit Hours |
|---|--|--------------|
| Year 1 | | |
| Term 1 | | |
| 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 |
| Credit Hours | | 16 |
| Term 2 | | |
| 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 |
| A TEC 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 |
| Credit Hours | | 18 |
| Term 3 | | |
| MAC 1105 | College Algebra | 3 |
| Humanities Core Requirement | | 3 |
| Credit Hours | | 6 |
| Term 4 | | |
| ATE 2613 | Small Animal Diseases and Pharmacology 1 | 3 |
| ATE 2632 | Veterinary Technical Surgical Care | 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 Technical Surgical Care 2 Laboratory | 1 |
| ATEL 2639 | Animal Clinical Pathology 2 Laboratory | 2 |
| Social/Behavioral Science/Core-Civic Literacy Requirement | | 3 |
| Credit Hours | | 17 |
| Term 5 | | |
| 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 |

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|---------------------------|---|-----------|
| A TEC 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 Large Animal Clinical and Veterin | 1 |
| Credit Hours | | 16 |
| Total Credit Hours | | 73 |

Learning Outcomes: Veterinary Technology A.S.

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