

# Academy of Veterinary Science

## Career Pathway: Agriculture, Food & Natural Resources

### Program Strand: Veterinary Assisting Technology

Students who choose a career in Veterinary Assisting Technology have formal training and appropriate experience to perform various medical tests along with treating and diagnosing medical conditions and diseases in animals; prepare samples for laboratory examinations; and record information on an animal's genealogy, diet, weight, medications, food intake, and clinical signs of pain and distress

### Secondary Career Academy Development Timetable Academy classes are listed in bold type.

Pre-Academy Grades 6 – 8	Grade 9	Grade 10	Grade 11	Grade 12
6 <sup>th</sup> grade—Middle Moves 7 <sup>th</sup> grade—Career Preparation Requirement 8 <sup>th</sup> grade—Transition Tools  Introduction to Agriscience 810012002 Orientation to Agriscience 810011011 Exploration of Agriscience 810021002	English I	English II	English III	English IV
	Algebra or higher	Geometry or higher	Algebra II or higher	Pre-calculus or Other Mathematics Course
	Earth & Space Science or Biology	Biology or Chemistry	Chemistry or Physics or Physical Science	Science Elective or Other Elective
	World History	Elective	American History	American Government / Economics
	9 <sup>th</sup> Grade Transition	Foreign Language or Other Elective	Foreign Language or Other Elective	Foreign Language or Other Elective
	<b>Veterinary Assisting 811151001</b>	<b>Veterinary Assisting 2 811154001</b>	<b>Veterinary Assisting 3 811155001</b>	<b>Veterinary Assisting 4 811152001</b>
	Elective	Elective	Elective	Elective
	Elective	Elective	Elective	Elective

#### Suggested Electives:

- Students may in their Junior or Senior year opt to participate in the Career Experience Opportunity (CEO) internship program using the following course numbers: Workplace Essentials – 83003101A (Honors .5) and CEO internship – 0500330CE (Honors .5).
- Students may complete more than one program within the Academy of Veterinary Science providing courses are offered at the school site.
- In addition, students can choose to enroll in Advanced Concepts of Agriscience, Agricultural Education Directed Study, Agricultural Education Directed Study, A.P. Environmental Science classes to enhance their marketability.

To find a Miami-Dade County Public High School with this Program Strand, please link to [http://ssr.dadeschools.net/acad\\_tally\\_schls.pdf](http://ssr.dadeschools.net/acad_tally_schls.pdf).

Internship Opportunities	Student Organizations / Clubs	Earn Upon Completion
<ul style="list-style-type: none"> <li>• Scientific Research Internship (Univ of Fl. Tropical Research Education Center; USDA Chapman Field Research Facility)</li> <li>• Local Veterinary Offices</li> </ul>	<ul style="list-style-type: none"> <li>• School-Based Enterprise</li> <li>• Service Learning</li> <li>• Dual Enrollment (MDC, FIU)</li> <li>• Cooperative Education</li> <li>• Job Shadowing</li> <li>• <a href="#">Portal to CEO</a></li> </ul>	<ul style="list-style-type: none"> <li>• The National FFA Organization</li> <li>• Miami-Dade County Fair &amp; Exposition Agriculture Ambassadors Program</li> <li>• United States Department of Agriculture – Ambassador Program</li> <li>• 4-H Club</li> </ul>
		<ul style="list-style-type: none"> <li>• Industry Title &amp; FLDOE OCP's correlated to the individual areas.</li> <li>• For more information on the Florida Department of Education Bright Futures Scholarship Programs: Florida Academic Scholars Award (FAS), Florida Medallion Scholars Award (FMS), and Florida Gold Seal Vocational Scholars Award (GSV) please contact a guidance counselor or visit: <a href="http://www.floridastudentfinancialaid.org/ssfad/factsheets/BF.htm">http://www.floridastudentfinancialaid.org/ssfad/factsheets/BF.htm</a>.</li> <li>• For more information on advanced standing at local public and private post secondary institutions as established per articulation agreements please contact a guidance counselor.</li> </ul>

### POSTSECONDARY OPTIONS

Certification Programs	Community College (A.A./A.S.) or Proprietary Programs	Four-Year College and University Programs	Other
<ul style="list-style-type: none"> <li>• Assistant Laboratory Animal Technician</li> <li>• Laboratory Animal Technician</li> <li>• Laboratory Animal Technologist</li> <li>• American Association for Laboratory Animal Science Certification</li> <li>• <a href="#">American Association for Laboratory Animal Science Certifications</a></li> </ul>	<ul style="list-style-type: none"> <li>• Animal Science</li> <li>• Veterinary Technician</li> <li>• Animal Science: Equine</li> <li>• Journalism (Livestock Publications)</li> <li>• <a href="#">Abraham Baldwin Agricultural College Animal Science Program</a></li> <li>• <a href="#">Santa Fe Community College Zoology Program</a></li> <li>• <a href="#">Miami Dade College Agricultural Programs</a></li> </ul>	<ul style="list-style-type: none"> <li>• Animal Science</li> <li>• Animal Science and Management</li> <li>• Pre-Veterinary Science</li> <li>• Animal Production/Management</li> <li>• Veterinary Technologist</li> <li>• Animal Industries</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">University of Florida College of Agricultural and Life Sciences</a></li> <li>• <a href="#">Florida Agricultural and Mechanical University Agricultural Programs</a></li> </ul>

### CAREER OPTIONS

Entry Level	After Post-Secondary Education
<ul style="list-style-type: none"> <li>• Veterinary Technician</li> <li>• Animal Breeder</li> <li>• Animal Caretaker</li> <li>• Veterinary Technologist</li> </ul>	<ul style="list-style-type: none"> <li>• Veterinary Assistant</li> <li>• Independent Business Owner</li> <li>• Animal Technician</li> <li>• Kennel attendants</li> </ul>
	<ul style="list-style-type: none"> <li>• Veterinarian</li> <li>• Food Research and Development</li> <li>• Meat Production Supervisor</li> <li>• Food Industry Quality Control</li> </ul>
	<ul style="list-style-type: none"> <li>• Animal Control Officer</li> <li>• Animal Agribusiness</li> <li>• Animal Scientist</li> <li>• Veterinary Pharmaceuticals</li> </ul>

