



# VETERINARY SCIENCE

## - Program of Study -

**Career Cluster: Agriculture Food and Natural Resources**

**Career Pathway: Animal Systems**

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

| Grade                  | 1 <sup>st</sup> Course | 2 <sup>nd</sup> Course   | 3 <sup>rd</sup> Course                  | 4 <sup>th</sup> Course     | 5 <sup>th</sup> Course                                 | 6 <sup>th</sup> Course (CTE)        |
|------------------------|------------------------|--------------------------|---|----------------------------|--|-------------------------------------|
| 9 <sup>th</sup> Grade  | English I              | Algebra I                | Biology                                 | Health / Computer Literacy | Physical Education                                     | Agriculture Science I               |
| 10 <sup>th</sup> Grade | English II             | Geometry                 | Chemistry or Geoscience                 | World History              | Physical Education                                     | Agriculture Science II              |
| 11 <sup>th</sup> Grade | English III            | Algebra II               | Science Course or Elective <sup>1</sup> | US History                 | Foreign Language <sup>2</sup> or Elective <sup>1</sup> | Veterinary Science <sup>3</sup>     |
| 12 <sup>th</sup> Grade | English IV             | Senior Level Math Course | Elective <sup>1</sup>                   | US Government              | Foreign Language <sup>2</sup> or Elective <sup>1</sup> | Veterinary Science Advanced Studies |

<sup>1</sup> Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

<sup>2</sup> Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

<sup>3</sup> CTE Assessments will be administered during the completion level CTE course.

| Career and Technical Student Organizations | Work-Based Learning  | CTE Assessments  |
|--|--|--|
| FFA  | Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers / SAE | 1) End of Program Technical Assessment for Veterinary Science<br>2) Workplace Readiness Skills Assessment (for Employability Skills Standards) |

| Postsecondary Options   | State Articulation Agreements for CTE College Credit  |
|---|---|
| College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College | <p><b>Secondary Program Requirements</b><br/>Student must earn the state Certificate of Skill Attainment in Veterinary Science.</p> <p><b>Postsecondary Credit Options</b><br/>Truckee Meadows Community College                      3 Credits</p> |

| High Wage - High Skill - High Demand Careers  | State Recognized Industry Certifications   |
|---|--|
| Animal Geneticist / Veterinary Assistant / Education and Extension Specialist / Veterinarian / Veterinary Technician / Biotechnology Lab Technician | Refer to the Governor's Office of Workforce Innovation's <a href="#">Nevada Eligible Industry Credentialing List</a> |