

Industry Credentials, Concentration Sequences, and Career Clusters

Small Animal Care I (18 weeks) (8081)

Concentration Sequences:

*A combination of this course and those below, equivalent to two 36-week courses, is a **concentration sequence**. A **program completer** is a student who has met the requirements for a CTE concentration sequence and all other requirements for high school graduation or an approved alternative education program. Students wishing to complete a specialization may take additional courses based on their career pathways.*

- Agricultural Business Fundamentals I
- Biological Applications in Agriculture
- Biotechnology Applications in Agriculture
- Biotechnology Foundations in Agricultural and Environmental Science
- Biotechnology Foundations in Health and Medical Sciences
- Equine Science (18 Weeks)
- Equine Science (36 Weeks)
- Livestock Production Management

Career Clusters, Career Pathways, and Occupations:

- Agriculture, Food and Natural Resources
 - Agribusiness Systems
 - Farm, Ranch Manager
 - Farmer/Rancher
 - Animal Systems
 - Animal Breeder, Husbandry
 - Animal Geneticist
 - Animal Nutritionist
 - Animal Scientist
 - Aquacultural Manager
 - Poultry Manager
 - Veterinarian
 - Veterinary Technician
 - Natural Resources Systems

- Fish and Game Officer
 - Fisheries Technician
 - Wildlife Manager
- Science, Technology, Engineering and Mathematics
 - Science and Mathematics
 - Animal Nutritionist
 - Animal Scientist
 - Veterinarian
 - Veterinary Assistant