

ANIMAL SCIENCE TECHNOLOGY
COURSE SYLLABUS
2011-2012

COURSE DESCRIPTION

Animal Science Technology is an instructional class designed to give the two-year graduated student an understanding of all aspects of the Animal Care field. The standards that are required to work and participate in this field will be developed by hands-on education. This course will focus on developing a full range of skills for Pet store employee, Veterinary Assistant, Groomer, First-aid certification, Aquatics and Receptionist/Customer Service employee.

INSTRUCTIONAL PHILOSOPHY

Students will be given the opportunity to work hands on with instructional material in all aspects of the Animal Science field. This will give them an overview of all the aspects of Animal Care. Students will participate in a Customer Service business giving them a real life experience on a daily lab basis. Students will be required to take full care of customer service due to the fact that we have a working lab. High standards will be required from each student due to the fact that we have live animals and abuse will not be tolerated. Students will be required to work in a team type setting. This helps to establish good work ethics with all types of individuals, but they will also be required to work on their own in class and out of class. Assessments will be made by different methods such as; Area packets that consist of worksheets, written assignments and lab practical exams. Written exams, tests, quizzes, oral presentations and a daily lab performance grade will also be used in evaluations.

COURSE GOALS

1. Student will demonstrate a basic knowledge of handling and restraint of animals.
2. Develop the basic prep-work of grooming of all animals.
3. Have a exceptional knowledge of aquarium work.
4. Demonstrate the basic knowledge of receptionist and customer service work.
5. Have a wide overview of all Pre-Veterinarian technician skills.
6. Students will have Red Cross Human and Pet First-Aid Certification.

MAJOR COURSE ASSIGNMENTS AND PROJECTS TECHNICAL PERFORMANCE PROJECTS:

Students will work on all projects throughout the Animal Science course year. They are the following:

- Set up and maintain proper aquarium and identify fish and diseases
- Demonstrate proper safety in all areas of the lab setting
- Feed, clean and maintain all live animals in the lab
- Basic nail maintenance of all live animals in the lab.
- Basic nail maintenance
- Proper ear cleaning
- Correct brushing

- Proper basic prep-work
- Demonstrate bathing techniques
- Safely drying of all animals
- Basic scissor and pattern work of all breeds.
- Demonstrate proper way of handling and restraint of all animals.
- Demonstrate knowledge of proper sanitation and health disposal of all lab animals feces.
- Provide proper customer service billing
- Provide proper customer service phone usage
- Provide proper customer service relationship and check-ins
- Maintain a sanitary lab.
- Demonstrate knowledge of Human/Pet First Aid

2. RELATED ACADEMIC PROJECTS:

- Basic animal anatomy
- Internal parasites
- External parasites
- Research Animal diseases
- Learn all AKC dog breeds
- Learn all cat breeds
- Basic Bird field and raising of Fledglings

3. PROBLEM SOLVING/INTERPERSONAL PROJECTS

- Report theft and violations
- Report animal abuse
- Schedule customer service appointments
- Complete customer service bills
- Train fellow staff members
- Supervise unit staff
- Assign unit staff work
- Monitor unit staff work
- Complete daily check off list
- Complete daily cleanup work
- Perform weekly work evaluations
- Communicate to customer complaints
- Work with a team

EVALUATIONS CRITERIA

- Attendance
- Daily lab performance
- Practical work exams
- Written work packets
- Unit assignments
- Tests

- Safety
- Team working abilities
- Journals
- Senior Project Products

SAFETY TESTING

Skill and technical training is second only to the safety of our students. To that end, the Animal Science Technology Program not only places a heavy emphasis on safety training, but requires that each student in the program take and pass safety tests before they begin any work that may have specific safety issues. The Animal Management Program gives two such tests during the course of the program.

- **General Lab Safety:** The Animal Science Technology Program has a safety test that is intended to cover these issues and a written test to assess the student's understanding of these issues and how to deal with them. This general lab safety test must be passed at 100% before the student will be allowed to begin working in the lab. A note will be sent home to the parent (s) indicating that the student has passed the test and will require a signature from them. This will be returned to the program and kept on file.
- **Machine/Equipment Specific Safety:** Students will begin using different types of machines and equipment at various times throughout the program. Prior to using each machine or piece of equipment for the first time, he/she will be instructed in its safe and proper use. A test may be required to assess student understanding. These tests must be passed with 100% accuracy.

General Safety Policies:

1. Students will be given safety instruction throughout the program. Students must pass any safety tests associated with this instruction before beginning any actual work in the specific area.
2. Parents of students who fail the general lab safety or any specific safety test three consecutive times, will be required to attend a conference to discuss that student's requirements for continued participation in the program. This conference will be with the program teacher, program supervisor as well as the student.

OSHA

Teaching students to work safely is more important than teaching any skill in any program. The TCTC has made passing the 10 Hour OSHA safety course a requirement for successful completion of this program. This nationally recognized certificate will go into the student's portfolio upon completion, and because safety is so important to employers these days, it gives our students an important advantage when applying for a job. The \$18 nominal fee (\$275 if taken after graduation) is part of the program fees and may be re-assessed if the student fails to complete the initial test successfully. Students will not receive their State Certificates of Program Completion if they do not successfully complete this test.

All Animal Science Juniors will be required to participate in a Job Shadowing program. Each student will do all necessary work, contact job site employers and required paper work for a grade in the 2nd and 3rd nine weeks. This enables students to see on job site training in their related field.

All seniors will be required to participate in Senior Projects program. This will cumulate over the year beginning with a research paper involved with the TCTC English department. Finishing with a Senior Celebration towards the end of their school year in which students will showcase their products along with their portfolio's built on there units.

GRADING SCALE

The majority of the lab grade will be based on attendance, daily lab performance and hands-on practical examinations with the remainder of the grade based on written assignments, quizzes/tests, lab notebooks and presentations given throughout the year.

Animal Science Technology grading scale is according to the Trumbull Career and Technical Centers grading school policy.

92%---A

83%---B

74%---C

66%---D

65%-and below --F