



Three Rivers School District

# PLANNED COURSE STATEMENT

<b>Course Title:</b> LANDSCAPE HORTICULTURE	<b>Grade Level(s):</b> 10-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE
<b>Prerequisite:</b> Plant Science	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> Sunset Western Garden Textbook	
<b>Dual Credit Articulation:</b> BMCC, CCC, KCC, LBCC, TBCC, TVCC, UCC	

## COURSE DESCRIPTION:

In this class, students will explore landscape design and construction, chemical safety and application, and marketing of horticultural crops. Students will be exposed to the landscape industry and get hands on experience developing landscapes.

## COURSE GOALS:

Students will:

1. Be able to identify by common and specific name a wide range of specific landscape plants.
2. Develop a basic understanding of landscape styles
3. Demonstrate awareness of the climatic and environmental considerations of specific landscape sites.
4. Demonstrate the ability to analyze the needs of the consumer through landscape function and lifestyle.
5. Apply good fundamentals and principles to specific projects.
6. Demonstrate the application of good soil preparation and planting procedures to specific projects.
7. Apply basic knowledge of pest and weed control to specific problem situations.

## ASSESSMENT STRATEGIES:

Project Based Learning Activities  
Supervised Agriculture Experience (SAE)  
Formative and Summative Assessments  
Written Quizzes/Tests and Assignments

## FFA Enrichment Activities

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events

- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> PLANT SCIENCE	<b>Grade Level(s):</b> 9-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> Science/CTE
<b>Prerequisite:</b> Introduction to Agriculture	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> CASE Curriculum	
<b>Dual Credit Articulation:</b> KCC	

## COURSE DESCRIPTION:

This course provides a foundation of plant science to students by providing hands-on as well as classroom instruction focused on the principles of plant science. Students will cover the basic anatomy and processes of plants, as well as how to identify plants through a system of classification. They will also discover the value of plant production and its impact on the individual, local and global scale.

## COURSE GOALS:

Students will:

1. Identify and explain plant processes such as photosynthesis, respiration, transpiration, osmosis, and absorption.
2. Identify and explain the function of plant parts and how they work together as a unit.
3. Explore basic plant growth and development such as seed germination, root systems, reproduction, and pollination.
4. Demonstrate how to properly perform both sexual and asexual propagation methods including, but not limited to cuttings, grafting, tissue culture, layering, division, and budding.
5. Identify and classify plants based on leaf arrangements, venation and margins, inflorescence and stems.
6. Identify and demonstrate proper use of agricultural science equipment and materials.

## ASSESSMENT STRATEGIES:

Project Based Learning Activities  
Supervised Agriculture Experience (SAE)  
Formative and Summative Assessments  
Written Quizzes/Tests and Assignments

## FFA Enrichment Activities

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.
- Apply knowledge of plant classification, plant anatomy, and plant physiology to the production and management of plants.
- Use a model to illustrate how photosynthesis transforms light energy into stored chemical energy.
- Use mathematical representations to support claims for the cycling of matter and flow of energy among organisms in an ecosystem.
- Make and defend a claim based on evidence that inheritable genetic variations may result from: (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> ANIMAL SCIENCE	<b>Grade Level(s):</b> 10-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Science
<b>Prerequisite:</b> Introduction to Agriculture	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> CASE Curriculum	
<b>Dual Credit Articulation:</b> KCC	

**COURSE DESCRIPTION:**

Discover how domesticated animals influence and impact our daily lives. Students will learn about livestock history and domestication, handling and behavior, nutrition, reproduction, genetics, selection, and marketing as well as production systems for a variety of animal species. Some species include horses, poultry, swine, sheep, and cattle. Students will identify careers and opportunities related to the production of livestock.

**COURSE GOALS:**

Students will:

1. Explore basic animal science including growth and development, anatomy and physiology, breeds and classes of livestock, reproduction, genetics and breeding.
2. Identify how to maintain the health of livestock including how to prevent diseases, the general causes of diseases, and how to correctly use disinfectants.
3. Learn to care for various livestock animals, as well as identify the appropriate animal management methods.
4. Identify anatomical parts of livestock and explain the function of each part as well as how they work as a unit to maintain homeostasis.
5. Explore and evaluate livestock breeding and genetics to find favorable characteristics.

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events

- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.
- Classify, evaluate, select and manage animals based on anatomical and physiological characteristics.
- Apply principles of animal nutrition to ensure the proper growth, development, reproduction and economic production of animals.
- Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms.
- Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
- Make and defend a claim based on evidence that inheritable genetic variations may result from: (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> INTRODUCTION TO AGRICULTURE	<b>Grade Level(s):</b> 9-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> None	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> CASE AFNR	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

This course introduces students to agricultural opportunities and the pathways of study in agriculture. Throughout the course are activities to develop and improve employability skills of students through practical applications. Students will explore career and post-secondary opportunities through different pathways including the general science of agriculture, communication, plants, animals, natural resources, and agricultural mechanics.

**COURSE GOALS:**

Students will:

1. Explore the economic impact of agriculture on Oregon’s economy
2. Identify and describe specific commodities and the various regions of the state of Oregon where they are produced
3. Explore various controversial topics surrounding the agricultural industry
4. Use basic agriculture science vocabulary in the correct context
5. Explore livestock industries (Beef, Sheep, Swine, Goats, Poultry)
6. Identify breeds and anatomy of livestock species and their characteristics
7. Identify the 3 main components of soil, perform a soil texture test to identify soil type, recognize characteristics of different soil horizons
8. Explore agriculture careers and leadership opportunities
9. Explore FFA components and contests
10. Identify components and requirements for sustainable agriculture

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.





# PLANNED COURSE STATEMENT

<b>Course Title:</b> <b>ADVANCED HORTICULTURE</b>	<b>Grade Level(s):</b> 11-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Landscape Horticulture and/or Floriculture	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b>	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

This course is designed for the serious Agricultural Science and Technology student. Students will oversee and manage greenhouse crops, including supervising transplanting and propagation. This course allows a student to develop critical skills and knowledge for career, college and life. Students who take this course must be self-motivated.

**COURSE GOALS:**

Students will:

The single most important of this course is to train students for:

1. Direct employment in the horticulture field.
2. Expose/train students in many hands-on, job-work-experience in horticulture job areas.
3. Expose students who have higher education goals in horticulture to a variety of possible employment areas through short-term internships.
4. To help all students at all levels make more educated and more prepared career choices and gain valuable experience before they become locked into a job.

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.
- Utilize record keeping to accomplish Agriculture business objectives while complying with laws and regulations.
- Know and understand the importance of professional ethics and legal responsibilities in agricultural careers.
- Know and understand the importance of employability skills for agricultural careers.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> AGRICULTURE LEADERSHIP	<b>Grade Level(s):</b> 10-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Introduction to Agriculture; Teacher approval	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b>	
<b>Dual Credit Articulation:</b> KCC	

**COURSE DESCRIPTION:**

This course combines aspects of FFA, leadership, and community service. Students in this class will work in groups and individually on a variety of projects to promote agriculture at HVHS and in the community. Students will learn leadership and public speaking skills in a variety of platforms.

**COURSE GOALS:**

Students will:

1. Develop life skills in leadership areas.
2. Demonstrate team skills in decision-making and problem solving.
3. Organize oral messages for delivery before a group or live audience.
4. Conduct research and evaluate ideas and information in order to formulate a clear and effective message.
5. Use strategies and skills to manage communication anxiety.
6. Create effective presentations with digital tools.
7. Use public speaking skills to present an effective and efficient message

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events

- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> VETERINARY MEDICINE	<b>Grade Level(s):</b> 11-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Animal Science	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> Cornell Vet Medicine Curriculum	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

The second half of the Animal Science pathway will provide motivated students with foundations in veterinary science applications or raising and breeding animals. Students will study and apply techniques regarding various treatments and basic vet care. Topics of study will include anatomy and physiology, diseases, parasites, viruses, and preventative care. Students will explore career opportunities in veterinary related fields.

**COURSE GOALS:**

Students will:

1. Categorize types of livestock animals and companion animals.
2. Determine companion and/or farm animal selection criteria.
3. Diagram animal anatomy and physiology.
4. Evaluate companion animal and farm animal health conditions.
5. Identify health issues relating to companion animals and farm animals.
6. Recognize the importance of breeding.
7. Describe basic animal genetics.
8. Design housing requirements for companion animals and/or farm animals.
9. Clean and sanitize animal facilities.
10. Compare different feeds and their relationship to nutritional quality.
11. Compare signs of different animal behavior.
12. Apply first aid care to companion animals.
13. Practice routine grooming (teeth, nails, ears, eyes).
14. Demonstrate safe handling techniques of companion animals and/or farm animals.
15. Develop an exercise program for a companion animal and/or farm animals.
16. Identify professional societies and organizations (Humane Society, AKC, ARBA, AVMA).
17. Identify potential careers in the companion animal industry as well as livestock industry.

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)

## Formative and Summative Assessments Written Quizzes/Tests and Assignments

### **FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

### **ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

### **CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.
- Classify, evaluate, select and manage animals based on anatomical and physiological characteristics.
- Apply principles of animal nutrition to ensure the proper growth, development, reproduction and economic production of animals.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> <b>ADVANCED AGRICULTURE</b>	<b>Grade Level(s):</b> 11-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Introduction to Agriculture; Teacher approval	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b>	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

This course combines aspects of Ag Sci, Independent Study and Academy Teaching. This course will focus on independent Agriculture Science projects and career readiness while also assisting in the program as needed.

**COURSE GOALS:**

Students will:

1. Explore and prepare personal record keeping and budgeting.
2. Prepare for job interview and develop workplace skills
3. The student will demonstrate effective communication skills
4. The student will exhibit leadership and other interpersonal skills needed for career placement and advancement.

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.





# PLANNED COURSE STATEMENT

<b>Course Title:</b> AGRICULTURE BUSINESS <b>MANAGEMENT</b>	<b>Grade Level(s):</b>
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Introduction to Agriculture	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> Variety; CASE	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

In this course, students will be introduced to business management in agriculture. Mathematics, reading, and writing components are integrated throughout this course to allow students to apply throughout different activities related to the agricultural business area. Practical and engaging activities are integrated throughout this course to allow students to develop and improve business and employability skills, including creating their own business plan.

**COURSE GOALS:**

Students will:

1. Prepare an SAE record book.
2. Know and use parliamentary law to chair a meeting.
3. Learn and use parliamentary motions.
4. Develop proficiency in public speaking skills.
5. Develop budgets for the AG Program greenhouse and livestock operations.

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> FLORICULTURE	<b>Grade Level(s):</b>
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Plant Science	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> Variety	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

In this course, students will have the opportunity to study how to identify flowers and concepts used in floral design. Structure, color, safety, and the appropriate use of flowers - fresh and dried - in arrangements will be studied. Students will learn about the retail floriculture industry through hands-on and classroom experiences.

**COURSE GOALS:**

Students will:

1. Learn the concepts of floral design including the use of color, texture, and arrangement.
2. Learn the principles of design including balance, symmetry, stability, depth, scale, and harmony.
3. Identify flowers and foliage commonly used by retail florists.
4. Estimate materials for a particular project.
5. Learn about the mechanics of floral design, supplies, and safety measures in the industry.
6. Learn to cut and design corsages and boutonnieres.
7. Learn to design and construct fresh and dry bud vase arrangements.
8. Demonstrate how flowers can be preserved.
9. Design and complete a dish garden.
10. Learn how the retail floriculture industry works worldwide.
11. Learn appropriate salesperson techniques.

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to

participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.
- Apply knowledge of plant classification, plant anatomy, and plant physiology to the production and management of plants.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> PRINCIPLES OF ANIMAL FOODS TECHNOLOGY	<b>Grade Level(s):</b> 11-12
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Animal Science	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> Variety	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

This course includes integrated studies of the meat animal processing sequence regarding the production of meat-type animals and the science and technology of their conversion to human food. Selection and grading of carcasses and wholesale cuts of beef, pork and lamb; principles of evaluation included in carcass contests and progeny testing.

**COURSE GOALS:**

Students will:

1. Identify primal and subprimal cuts of beef, pork, and lamb
2. Describe the process of processing and cutting livestock for human consumption
3. Explore and identify food safety requirements in regards to meat products
4. Explain the “farm to plate” process for meat products including how food quality and nutrients affect meat production quality
5. Select and grade beef, pork, and lamb carcasses using USDA standards

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning

ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.
- Analyze environmental factors associated with animal production.



# PLANNED COURSE STATEMENT

<b>Course Title:</b> SMALL ANIMAL CARE & MANAGEMENT	<b>Grade Level(s):</b>
<b>Length of Course:</b> 1 Semester	<b>Credit Area:</b> CTE/Elective
<b>Prerequisite:</b> Animal Science	<b>Amount of Credit:</b> .5 Credit
<b>Adopted/Supplemental Materials:</b> Small Animal Care & Management 4th edition - Warren	
<b>Dual Credit Articulation:</b>	

**COURSE DESCRIPTION:**

The small animal care & management course is designed to teach technical knowledge and skills for occupations in the pet industry or the companion animal industry. Skills also relate to the veterinarian or the veterinarian technician career field. Typical instructional activities include hands-on experiences with a variety of small animals.

**COURSE GOALS:**

Students will:

1. Describe the history and importance of the small animal industry
2. Explore and explain the importance of safety when working with small animals
3. define the terms *animal right* and *animal welfare* and be able to compare and contrast them
4. Explore careers and compare opportunities in small animal care and management
5. Explain the value of each nutrient for small animals based on digestive system
6. Explore and describe the characteristics and general care for a variety of small animals

**ASSESSMENT STRATEGIES:**

Project Based Learning Activities  
 Supervised Agriculture Experience (SAE)  
 Formative and Summative Assessments  
 Written Quizzes/Tests and Assignments

**FFA Enrichment Activities**

These extra activities can help a student be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area - encouragement to participate in one or more of these activities is recommended.

- FFA Career Development Events
- FFA Leadership Development Events
- FFA Leadership Activities

**ACCOMMODATIONS AND MODIFICATIONS:**

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

**CAREER RELATED LEARNING STANDARDS:**

- Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
- Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
- Use tools, equipment, machinery and technology to work in areas related to agriculture.
- Classify, evaluate, select and manage animals based on anatomical and physiological characteristics.
- Apply principles of animal nutrition to ensure the proper growth, development, reproduction and economic production of animals.