



Introduction to Agriculture (HAG3221B)

NDCDE Resources

Welcome: Start Here!

Discussion Board: Getting to Know You- Complete Before Unit 1 (Within First 10 Days of Class)

Course Overview -- REQUIRED READING!

Personal Portfolio - Complete within first FIVE days of course

Supervised Agriculture Experience Project- SAE- Major Grade

SAE Project Requirements- READ NOW!!!

SAE Examples! (Important Resource for your SAE Portfolio)

SAE Skill Sets (Important Resource for your SAE Portfolio)

QUIZ- SAE- Complete after reading all materials about the SAE Project

SAE Teacher Contact Assignment

Preface: What is Agriculture?

1. Agriculture Defined and it's History
2. United States Agriculture Video
3. Food! What is it really??
4. Food Crossword Puzzle

Unit 1: Agricultural Careers: Your Career Search

1. Agricultural Careers E-Chapter
2. Navigating the Job Search Process Video -- Impressions
3. Navigating the Job Search Process -- Connections
4. Navigating the Job Search Process Video Assignment
5. Article: Agriculture wants you!
6. Agriculture Wants You Article Assignment
7. Networking Tips from Employers
8. Networking Tips from Employers Article Assignment
9. Agriculture Careers Discussion Forum

Unit 2: Building Your Resume

1. Writing a Successful Cover Letter for Your Resume / Application
2. Building a Resume E-Chapter
3. Article: Teen Resume Guide
4. Build your Resume Assignment
5. The Interview!
6. Thank-You Letter After Interview

Unit 3: Leadership: What Does It Mean To Be A Leader

1. How to become a great leader E-Chapter
2. Leadership Crossword
3. Drew Dudley Video on Leadership
4. Leadership Discussion Forum
5. Leadership Wiki

Unit 4: Intro to Farm Business Management: The Meaning of Farm Management

1. The Meaning of Farm Business Management E-Chapter
2. Farm Business Structure
3. Farm Management Decision Making Process
4. Farm Management Credit and Financing

Uni 5: Understanding Agriculture Agribusiness

1. What is Agribusiness?
 2. Careers in Agribusiness: The Road to 2050
 3. Agribusiness Career Project
- What is an Agricultural Manager?

Unit 6: Introduction to Biotechnology

1. What is Agriculture Biotechnology?
2. Agricultural Biotechnology: Accelerating Economic Opportunities in North Carolina Video
3. Transgenic Manipulation Simulator Assignment
4. "Guess What's Coming to Dinner?"
5. Genetic Engineering Video
6. Introduction to Biotechnology Discussion Forum

Unit 7: Crop Science: Wheat Production

1. Wheat Overview
2. The Wheat Plant
3. Wheat Vocabulary
4. Wheat Vocabulary Crossword
5. Wheat School - Pre Planting Weed Control, Drill Prep and Starter Fertilizer
6. Wheat School: What is Falling Number

Unit 8: Animal Science - Introduction to Animal Science

1. Article: What is Animal Science
2. What is Animal Science Article Assignment
3. Article: What Can I do in Animal Science
4. What can I do in Animal Science Article Assignment
5. Article: Animal Science Terminology PDF
6. Animal Science Terminology Crossword
7. Introduction to Animal Science Discussion Forum

Introduction to Agriculture Mid-Term Exam

2nd Portfolio: Midterm Portfolio – READ ALL DIRECTIONS & COMPLETE NOW!

Unit 9: Veterinary Science I: Animal Cells

1. Article: What does a Veterinarian Do
2. What does a Veterinarian Do? Article Assignment
3. Video: Cell Life Interactive Video
4. Cell Life Interactive Video Assignment
5. Article: Animal Cancer
6. Animal Cancer Article Assignment
7. Activity: Animal Cells Interactive

8. Interactive Cell Model Activity Assignment
9. Article: The Musculoskeletal System - View and Take Notes
10. Article: Overview of Musculoskeletal System Assignment

Unit 10: Veterinary Science II: Kennel Cough

1. Article: Kennel Cough Signs and Symptoms
2. Kennel Cough Article Assignment
3. Kennel Cough Symptoms and Treatment Video
4. Kennel Cough in Dog -- Listen to hear what Kennel Cough sounds like!

Unit 11: Animal Science - Sheep Production: The Sheep Industry

1. Basic information about sheep
2. Sheep Terminology
3. New born Lambs
4. Montana Sheep Drive

Unit 12: Animal Science - Swine Production

1. Swine Basics
2. Swine Reproduction Basics
3. Swine Nutrition
4. Swine Health

Unit 13: Animal Science - Beef Production: The Beef Industry

1. Beef Production Basics
2. Beef Cow Calf Operations
3. Beef Cattle Terminology
4. Grass Fed vs. Grain Fed Beef

Unit 14: Animal Science - Equine Science

1. Buying a Horse
2. Health Care for Horses
3. The Basics of Equine Nutrition
4. Equine Careers Opportunities

Unit 15: Horticulture

1. What is Horticulture?
2. Why is Plant Science Important?
3. What is Botany?
4. What is Soil Science?

Unit 16: Arc and Gas Theory

1. Arc Welding Theory and Safety
2. Working Principle of Arc Welding
3. MIG Welding Theory
4. TIG Welding Theory
5. Oxy Acetylene Gas Welding

Final SAE Project- TURN IN HERE

3rd Portfolio: RESEARCH FINAL Portfolio – READ ALL DIRECTIONS & COMPLETE NOW!

Introduction to Agriculture Final Exam

End of Course Survey

End of Course Survey
NAASO SURVEY PLEASE COMPLETE

