

Know Your Government

KYG 101 Citizenship

Animal Science

AN SCI 101 Animal Facilities Management

Environment: Caring for My Animal

Housing My Animal

Safe Animal Handling

Temperature and Ventilation (Air Flow) in the Barn

AN SCI 102 Animal Health 1

What Does a Healthy Animal Look Like?

Injection Sites and Techniques

Reading Medication Labels: Level 1

AN SCI 103 Animal Advocacy & Marketing

Connecting with Public through a Positive Image

Where Our Food Comes From

Career Exploration

Marketing: Thank You Letters

AN SCI 104 Animal Welfare

Animal Handling

Animal Moving

Animal Hauling

AN SCI 105 Animal Nutrition 1

Average Daily Gain

Five Basic Nutrients

Feed Labels

AN SCI 106 Animal Selection & Evaluation 1

Common Livestock Breeds

Frame Size and Market Ready Weights

Structural Conformation

Skeletal Structure

AN SCI 107 Animal Quality Assurance 1

Why is Quality Assurance Important?

Animal By-Products

Ideal Market Animal

AN SCI 108 Planning & Record Keeping

What's Your Plan?

Animal Identification

Making a Plan: Costs to Raise Market Animals

Livestock Ownership Records

Budgeting for Feed Expense

AN SCI 109 Animal Management: Showring

Equipment

Halter Breaking and Gentling

Getting Ready for the Show

Showmanship

AN SCI 110 Animal Health 2

Preventable Practice

Veterinary Client Relationships

Reading Medication Labels: Level 2

AN SCI 201 Animal Health 3

Vaccination Plans and Understanding Immunity

Animal Record Keeping for Disease Prevention

Animal Biosecurity

AN SCI 202 Animal Selection & Evaluation 2

Livestock Evaluation

Project Animal Selection

Livestock Judging, Note Taking and Oral Reasons

Expected Progeny Differences

AN SCI 203 Animal Ethics

Ethics: Sportsmanship

Ethics: Pillars of Character

Ethics: Consequences of Unethical Behavior

AN SCI 204 Animal Health 4

Castration, Dehorning/Disbudding and Docking

External Parasites

Internal Parasites

AN SCI 205 Animal Reproduction 1

Introduction to Reproduction

Parts of Reproductive Systems

Purebred vs. Crossbred

Genetics

AN SCI 301 Animal Quality Assurance 2

Recognizing Wholesale and Retail Cuts

USDA Quality and Yield Grade

Carcass Terminology

Using Grids to Determine Carcass Measurements

AN SCI 302 Animal Nutrition 2

Basic Nutrition Requirements – Ruminants

Monogastric Nutrition

Digestive Systems

Body Condition Scoring

AN SCI 303 Animal Reproduction 2

When Will My Project Animal Be Born?

Heat Detection

Artificial Insemination

Hormones Control Everything