### Program of Study: Animal Science

**Agriculture, Food & Natural Resources Career Cluster**

#### 9th Grade
**Principles of Agriculture, Food and Natural Resources**

- **Instructional Materials**
  - Text: Principles of Agriculture

- **TEKS-Required Lab Time?**
  - Y / N

- **Online Instructional Materials**
  - iCEV
  - AET (SAE record keeping)

- **Certifications**
  - Precision Exams: Agricultural Science I (180) (Chromebook required)

#### 10th Grade
**Livestock Production**

- **Instructional Materials**
  - Text: Introduction to Companion and Livestock Animals

- **TEKS-Required Lab Time?**
  - Y / N

- **Online Instructional Materials**
  - iCEV
  - AET (SAE record keeping)

- **Certifications**
  - Precision Exams: Animal Science I (120)

#### 11th Grade
**Veterinary Medical Applications**

- **Instructional Materials**
  - Text: Introduction to Veterinary Assisting

- **TEKS-Required Lab Time?**
  - Y / N

- **Online Instructional Materials**
  - iCEV & Texas A&M Agrilife Program
  - AET (SAE record keeping)

- **Certifications**
  - Precision exams: Veterinary Technician (125) & Veterinary Assistant (124)
  - Certified Veterinarian Assistant, Level 1

#### 12th Grade
**Practicum in Agriculture**

- **Instructional Materials**
  - Work-based learning experiences

- **TEKS-Required Lab Time?**
  - Y / N

- **Online Instructional Materials**
  - iCEV
  - AET (SAE record keeping)

- **Certifications**

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Subject to change as TEKS are reviewed by the state and THECB and as the labor market dictates.