South Central College

SWPR 1000  Introduction to U. S. Pork Production

Common Course Outline

Course Information

Description  This course will provide an overview and introduction to the current U.S. Pork Industry. The course will cover industry trends and statistics, production systems, ethical production principles, Good Production Practices (GPP), and support systems. The course will also focus on health concerns, alternative production systems, production records and financial analysis. Additionally a discussion on meat quality and consumer issues related to food safety and animal welfare will be addressed. Current industry issues related to the Show and Seed Stock businesses will be covered as well. Prerequisites None.

Total Credits  2.00
Total Hours  32.00

Types of Instruction

Instruction Type  Credits/Hours
Lecture  2/32

Course Competencies

1  Describe the current swine industry trends, statistics, and structure

Learning Objectives

- Describe swine industry structure
- Review economic impact of swine industry
- Describe pork production trends
- Describe pork production organizations
- Describe employment opportunities connected to swine production industry

2  Explain industry production systems

Learning Objectives

- Describe production phases
- Explain reproductive systems used in the industry
- Describe reproductive management techniques
- Describe farrowing management considerations
- Describe wean pig management considerations

3  Describe ethical principles and production practices

Learning Objectives

- Explain ethical principles of pork production
- Describe Good Production Practices
- Describe nutrient management plans
4 Explain consumer's role in meat industry
   Learning Objectives
   • Describe consumer buying preferences
   • Describe packer audit requirements
   • Describe international market buying considerations

5 Explain pork business considerations
   Learning Objectives
   • Describe business records
   • Describe enterprise financial analysis
   • Identify industry breakeven projections

6 Describe alternative or niche production industry
   Learning Objectives
   • Describe niche pork markets
   • Describe alternative pork production systems
   • Compare production alternative system economics
   • Describe seed stock and show pig businesses

7 Describe industry health considerations
   Learning Objectives
   • Describe major health issues
   • Describe biosecurity measures

8 Describe industry support systems
   Learning Objectives
   • Identify support needs of swine industry
   • Describe industry logistics for inputs and outputs