



South Central College Program Design

CERT 3156 Professional Swine Manager

Program Information

Instructional Level Certificate

Career Cluster Agriculture, Food & Natural Resources

Description

The Professional Swine Manager Certificate is designed to provide professionals in the swine industry with management skills and competencies that are required to meet animal care and management considerations for safe humane food production.

Mission

The Swine Management Certificate align students with competencies and learning outcomes of professional swine manager workforce needs in modern pork production systems in U.S.

Target Population

Individuals who have worked in swine industry in production units and will be potentially supervising employees in the day to day operation of the production unit. Students that have an interest in animal care and welfare as well as the safe production of livestock for food in our society.

Career/Job Titles

Herdsman, breeding manager, farrowing manager, production manager, production system supervisor, wean-finish production manager, finish supervisor, livestock technician, farm operations supervisor

Accreditation Information

South Central College is accredited by the Higher Learning Commission of the North Central Association (NCA-HLC). SCC was granted a full 10-year reaccreditation in 2010. PSM certification is aligned with the competencies and objectives of National Pork Board Professional Swine Managers Certification.

External Requirements

The program content has been aligned to Professional Swine Manager National Certification examination test.

Indirect Measures

Employer satisfaction with graduate performance

Graduate satisfaction with learning experiences

Program Student Learning Outcomes

- 1 Supervise and assist employees in production practices in swine production systems.
- 2 Demonstrate effective participation on an agribusiness team.
- 3 Develop and maintain agribusiness record for production system.
- 4 Demonstrate approved professional management practices for care, welfare and production of swine animals.
- 5 Communicate and monitor employees for workplace safety, environmental compliance, food safety and animal well being.
- 6 Prepare and assess a livestock management plan.

Program Configurations

Single Semester

Credits

Technical Course 19

Total Credits 19

Semester 1

| Course # | Course Title | Credits | Function |
|-----------|---------------------------------------|---------|------------------|
| SWPR 1200 | Swine Breeding Stock Management | 3 | Technical Course |
| SWPR 1000 | Introduction to U. S. Pork Production | 2 | Technical Course |
| | SWPR 1000 has the option for CPL | | |

Semester 2

| Course # | Course Title | Credits | Function |
|-----------|---|---------|------------------|
| MEAG 1500 | Facility Maintenance | 3 | Technical Course |
| SWPR 1300 | Nursery Finish Management | 3 | Technical Course |
| SWPR 1050 | Swine A.I. or AGRI 2780 (additional credit) | 1 | Technical Course |
| AGRI 1850 | Employer/Employee Relations | 3 | Technical Course |

Semester Summer

| Course # | Course Title | Credits | Function |
|-----------|----------------------------|---------|------------------|
| SWPR 2000 | Swine Records and Analysis | 3 | Technical Course |
| AGRI 2780 | Agribusiness Internship | 1 | Technical Course |

Program Course List

| Number | Title | Credits | Pre/Corequisites |
|-----------|-----------------------------|---------|-----------------------|
| AGRI 1850 | Employer/Employee Relations | 3 | None |
| AGRI 2780 | Agribusiness Internship | 2 | Instructor Permission |

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|------------------|--|---|-------|
| MEAG 1500 | Facility Maintenance | 3 | None. |
| MEAG 1510 | Facility Operations Maintenance | 3 | None |
| SWPR 1000 | Introduction to U. S. Pork Production | 2 | None |
| SWPR 1050 | Swine A.I. | 1 | none |
| SWPR 1200 | Swine Breeding Stock Management | 3 | None |
| SWPR 1300 | Nursery Finish Management | 3 | None |
| SWPR 2000 | Swine Records and Analysis | 3 | None |