



South Central College Program Design

CERT 3100 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 18

Total Credits 18

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
AGRI 1800	Employer/Employee Relations	2	Technical Course
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

Semester Summer

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

Program Course List

Number	Title	Credits	Pre/Corequisites
AGRI 1800	Employer/Employee Relations	2	None
AGRI 2780	Agribusiness Internship	1	Instructor Permission

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 1500	Swine Diseases		
SWPR 2000	Swine Records and Analysis	3	None