Curriculum Development Form
New Program (Academic Award)

Program Name (Academic Award):
Professional Swine Manager Certificate

Type of Academic Award: □ AA □ AAS □ AFA □ AS □ Diploma □ Certificate
CIP Code: ____________________________

Current Location: □ Faribault □ North Mankato
Contact Person: Peter Neige Bauer

Proposed Location: □ Faribault □ North Mankato
Proposed Credits: 18

Date of Proposal: Fall 2015
Proposed Implementation Date: June 2015

What program is being proposed? Certificate in Swine Production Management

What impact will this new program have? Certificate for completion of specific courses designed to cover the competencies in the National Professional Swine Managers Certification Examination

Describe the rationale for this new program: The curriculum is designed to cover competencies and learning objectives suggested by National Pork Board Advisory Committee

Attach additional material if necessary

As Faculty Developer, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

Prior to Preparing Documentation
□ Initiation — idea was submitted to Department Chair(s) and Academic Dean/Director for discussion and support
□ Explored existing program offerings to identify potential duplication
□ Completed Intention Form

MnSCU Notice of Intent (NOI) — Program Navigator
□ Program Plan brought to Curriculum Committee for information purposes
□ Articulation agreement included for AA, AS, AFA programs
□ Vice President of Student and Academic Affairs approval
□ President approval
□ MnSCU Program Navigator upload — New Notice of Intent (NOI) informing other MnSCU colleges/universities of the program
□ MnSCU initiates the intention stage for feedback; 60 days to complete official paperwork after MnSCU approval

Continue the Curriculum Development Process
□ Completed the WIDS Program Project, which includes outlining scope and sequence of program
Please Note: If courses do not already exist, the shell of each course must be created in WIDS before the WIDS Program Project can be completed
□ Identified prerequisites (if any) for admission to the program
□ Created measurable program student learning outcomes
□ Proofread documentation for correct content
□ Proofread documentation for grammatical and typographical errors
□ Uploaded additional documentation to WIDS (comparison template, etc.)

Peter A. Neige Bauer
Faculty Developer Signature 1/22/2015
As Primary Department Chair, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

☑ Documentation through email and department meetings made available for other faculty and programs to provide feedback
☑ Proofread documentation for correct content and proper structure
☑ Proofread documentation for grammatical and typographical errors
☐ For LAS programs, signature of all LAS Department Chairs included
☐ For technical programs, the change was discussed at Advisory Committee meeting (provide meeting minutes)

☑ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature]

Primary Department Chair Signature

2/19/15

Date

For all new programs, if Primary Department Chair does not support the new program proposal, faculty developer can elevate the proposal to AASC for resolution.

For AA and AFA Degrees Only — As a LAS Department Chair, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

☐ Documentation through email and department meetings made available for other faculty and programs to provide feedback

☐ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature]

LAS Department Chair Signature

Date

☐ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature]

LAS Department Chair Signature

Date

☐ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature]

LAS Department Chair Signature

Date

If all four LAS Department Chairs do not support the new program proposal, faculty developer can elevate the proposal to AASC for resolution.
As Academic Dean/Director, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

☑ Identified potential opportunities and impacts of the change on other programs/departments — DARS search
☑ Provided supporting documentation to populate Program Navigator

☑ I support this program plan      ☐ I do not support this program plan — please provide reason(s):

_________________________  __________
Academic Dean/Director Signature  Date

If Academic Dean/Director does not support the new program proposal, faculty developer can elevate the proposal to AASC for resolution.

Upload this signed form as a PDF to WIDS Shared Document folder — Curriculum Committee.

Following Curriculum Committee support, this form is completed with final signatures:

_________________________  __________
Curriculum Committee Chair Signature  Date

_________________________
Vice President of Student and Academic Affairs Signature

_________________________
President Signature

The following steps are possible post-approval steps

New Program
Upload to MnSCU Program Navigator
  • Curriculum Committee Chair electronic approval
  • Vice President of Student and Academic Affairs electronic approval
  • President electronic approval
  • Vice President of Student and Academic Affairs electronic approval (2nd)
  • MnSCU reviews for final approval
  • MnSCU grants approval

Student Affairs
  • ISRS: DARS; eCatalog
Scope and Sequence for Perkins Programs of Study
Federal Dept. of Education review
Higher Learning Commissions (HLC) review

_________________________  __________
_________________________
_________________________  __________
Certificate 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

Related Outcomes

Institutional Core Competencies

1. Ethical reasoning and action: Students will develop ethical and social responsibility to self and others, and will collaborate with others to address ethical and social issues in a sustainable manner.

2. Teamwork and problem-solving: Students will demonstrate the ability to work together cohesively with diverse groups of persons, including working as a group to resolve any issues that arise.

Program Configurations

Course options
Type
Certificate

Description
Students need to earn 18 credits from the courses in the certificate program plan. Credit for prior learning may be substituted for Introduction to Swine Industry and AGRI 2870 based on the evaluation of Agribusiness faculty and documentation from student and business representative.

Outcomes

Credits

<table>
<thead>
<tr>
<th>Technical Course</th>
<th>15.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Total Credits 18.00

Semester 1

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWPR 1200</td>
<td>Swine Breeding Stock Management</td>
<td>3.00</td>
<td>Technical Course</td>
</tr>
<tr>
<td>SWPR 1300</td>
<td>Nursery Finish Management</td>
<td>3.00</td>
<td>Technical Course</td>
</tr>
<tr>
<td>SWPR 1000</td>
<td>Introduction to U. S. Pork Production</td>
<td>2.00</td>
<td>Elective</td>
</tr>
</tbody>
</table>

Semester 2

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 1800</td>
<td>Employer/Employee Relations</td>
<td>2.00</td>
<td>Technical Course</td>
</tr>
<tr>
<td>MEAG 1510</td>
<td>Facility Operations Maintenance</td>
<td>3.00</td>
<td>Technical Course</td>
</tr>
<tr>
<td>AGRI 2780 or SWPR 1050</td>
<td></td>
<td>1.00</td>
<td>Elective</td>
</tr>
</tbody>
</table>
### Semester Summer

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 2780</td>
<td>Agribusiness Internship</td>
<td>1.00</td>
<td>Technical Course</td>
</tr>
<tr>
<td>SWPR 2000</td>
<td>Swine Records and Analysis</td>
<td>3.00</td>
<td>Technical Course</td>
</tr>
</tbody>
</table>

### Program Course List

<table>
<thead>
<tr>
<th>Number</th>
<th>Title</th>
<th>Credits</th>
<th>Relationship</th>
<th>Description</th>
<th>Pre/Corequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 1800</td>
<td>Employer/Employee Relations</td>
<td>2.00</td>
<td>Associated</td>
<td>This course covers the principles of supervision and the factors of supervision as they relate to the goals of the business. Supervision problems with practical solutions will be emphasized. Personnel management techniques including determine personnel needs, finding and recruiting people, performance appraisals, training, promotions, legal issues, stress control and terminations will be included. Students will develop an employment portfolio. (Prerequisites: None)</td>
<td>None</td>
</tr>
<tr>
<td>AGRI 2780</td>
<td>Agribusiness Internship</td>
<td>1.00</td>
<td>Associated</td>
<td>This course is a cooperative educational program between the student, faculty and the internship site/business. Students will apply competencies</td>
<td>Instructor Permission</td>
</tr>
</tbody>
</table>