Curriculum Development Endorsement Form
New Program (Academic Award)

Program Name (Academic Award): Sustainable Microfarming

CIP Code: 01.0301 Location: □ Faribault □ North Mankato

Type of Academic Award: □ AA □ AAS □ AFA □ AS □ Diploma □ Certificate □ Transfer Pathway

Contact Person: T.J. Brown Proposed Credits: 16

Date of Proposal: 11/25/19 Proposed Implementation Date: Spring 2020

Describe the rationale for this new program: This Short Stackable Cert. meets the industry push for smaller local operations growing food for consumer focused markets; such as CSA, vertical farming, farmers markets, & Farm to Fork.

Attach additional material if necessary

As Program 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
□ Gathered Labor Market data
□ Completed Intention Form

MinnState Notice of Intent (NOI) — MinnState Program Navigator (not required for Transfer Pathways)
□ 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
□ MinnState Program Navigator upload — New Notice of Intent (NOI) informing other MinnState colleges/universities of the program
□ MinnState initiates intention stage for feedback; 60 days to complete official paperwork after MinnState approval

Continue the Curriculum Development Process
□ Completed the WIDS Program Project, (follow WIDS Create Program handout for required fields in WIDS)
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 program description in WIDS
□ Created measurable program student learning outcomes in WIDS
□ Created program scope and sequence in WIDS
□ Proofread documentation for correct content, and grammatical and/or typographical errors
□ For technical programs, new program was supported at Advisory Committee meeting (upload meeting minutes)
□ Uploaded additional documentation to WIDS (comparison template, etc.)

Date 11/25/19

Program Developer Signature

New Program Form — 11/17/2019 — Page 1
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

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

[Signature] 11/25/19
Primary Department Chair Signature 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, AFA and AS 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):

__________________________________________

LAS Department Chair Signature Date

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

__________________________________________

LAS Department Chair Signature Date

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

__________________________________________

LAS Department Chair Signature Date

If all four LAS Department Chairs do not support the new program proposal, program 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 (request DARS search from Registrar’s Office)
☐ Provided supporting documentation to populate Program Navigator

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

[Signature]

December 12, 2019

Academic Dean/Director Signature

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

[Signature] 12/17/2019

Curriculum Committee Chair Signature

[Signature] 12/20/2019

Vice President of Student and Academic Affairs Signature

[Signature] 1/7/2020

President Signature

The following steps are possible post-approval steps

New Program

Upload to MinnState Program Navigator

• Vice President of Student and Academic Affairs
electronic approval
• MinnState reviews for final approval
• MinnState grants approval

Student Affairs

• ISRS; DARS; eCatalog

Federal Dept. of Education review

Higher Learning Commissions (HLC) review
South Central College
Program Design

CERT Sustainable Microfarming

Program Information

Instructional Level  Certificate
Career Cluster  Agriculture, Food & Natural Resources
CIP Code  01.0301

Description
Designed for individuals to enter agribusiness careers related to the growing demand by customers to purchase food produced locally. These operations tend to produce, manage, and market agricultural commodities differently than traditional agriculture models but have a tremendous potential in the new consumer marketplace. Students will be involved in all aspects of operation for a small farm to fork business model.

Program Admission Dates (Fall and/or Spring)
Spring

Program Location (North Mankato and/or Faribault)
North Mankato

Program Student Learning Outcomes

1  Perform agricultural production operations
2  Demonstrate approved ag production management practices
3  Demonstrate effective participation in an agribusiness team

Program Configurations

Spring Start

Credits

Technical Course  11
Elective  5

Total Credits  16
### Spring

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 1810</td>
<td>Intro to Sustainable Microfarming</td>
<td>1</td>
<td>Technical Course</td>
</tr>
<tr>
<td>SGAG 1000</td>
<td>Agribusiness Orientation</td>
<td>1</td>
<td>Technical Course</td>
</tr>
<tr>
<td>AGRI 2780</td>
<td>Agribusiness Internship</td>
<td>1</td>
<td>Technical Course</td>
</tr>
<tr>
<td>AGEC 2600</td>
<td>Alternative Agriculture</td>
<td>2</td>
<td>Technical Course</td>
</tr>
<tr>
<td>AGBS 1100</td>
<td>Agriculture Selling Skills</td>
<td>3</td>
<td>Technical Course</td>
</tr>
</tbody>
</table>

### 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>2</td>
<td>Technical Course</td>
</tr>
</tbody>
</table>

### Fall

<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</td>
<td>Technical Course</td>
</tr>
</tbody>
</table>

### Technical Electives

<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 - (2.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>VITI 1111</td>
<td>Introduction to Viticulture and Vineyard Establishment - (3.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>VITI 1213</td>
<td>Regional Vineyard Management - Active (2.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>ANSC 2100</td>
<td>Principles of Animal Nutrition - (3.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>PLSC 1105</td>
<td>Forages and Pasture Management - (2.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>PLSC 1400</td>
<td>Agronomy II - (3.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>ANSC 1100</td>
<td>Livestock Production Principles - (3.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>PLSC 1100</td>
<td>Soils I - (3.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td>PLSC 1200</td>
<td>Soils II - (3.00) Credits</td>
<td></td>
<td>Elective</td>
</tr>
</tbody>
</table>