



South Central College
Program Design

CERT 3136 Sustainable Microfarming

Program Information

Instructional Level Certificate

Career Cluster Agriculture, Food & Natural Resources

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	12
Elective	4
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Total Credits	16

Spring

Course #	Course Title	Credits	Function
AGRI 1810	Intro to Sustainable Microfarming	1	Technical Course

SGAG 1000	Agribusiness Orientation	1	Technical Course
AGBS 1100	Agriculture Selling Skills	3	Technical Course
AGEC 2650	Alternative Agriculture and Direct Marketing	3	Technical Course
AGRI 2780	Agribusiness Internship	1	Technical Course

Summer

Course #	Course Title	Credits	Function
AGRI 2780	Agribusiness Internship	2	Technical Course

Fall

Course #	Course Title	Credits	Function
	Technical Electives	4	Elective
AGRI 2780	Agribusiness Internship	1	Technical Course

Technical Electives

Course #	Course Title	Credits	Function
AGEC 1100	Introduction to Agricultural Economics - (3.00) Credits		Elective
AGEC 1200	Principles of Farm Records - (3.00) Credits		Elective
ANSC 1100	Livestock Production Principles - (3.00) Credits		Elective
ANSC 1200	Livestock Lab - (2.00) Credits		Elective
ANSC 2100	Principles of Animal Nutrition - (3.00) Credits		Elective
MEAG 1500	Facility Maintenance - (3.00) Credits		Elective
MEAG 1610	Ag Equipment Maintenance - (3.00) Credits		Elective
MEAG 1700	Ag Industry Equipment - (3.00) Credits		Elective
MEAG 2200	Planning Farmstead Environment - (3.00) Credits		Elective
PLSC 1100	Soils I - (3.00) Credits		Elective
PLSC 1105	Forages and Pasture Management - (2.00) Credits		Elective
PLSC 1200	Soils II - (3.00) Credits		Elective
PLSC 1300	Agronomy I - (2.00) Credits		Elective
PLSC 1400	Agronomy II - (3.00) Credits		Elective
PLSC 2700	Advanced Agronomy - (3.00) Credits		Elective
VITI 1111	Introduction to Viticulture and Vineyard Establishment - (3.00) Credits		Elective

VITI 1213	Regional Vineyard Management - Active (2.00) Credits		Elective
AGRI 1850	Employer/Employee Relations - (3.00) Credits		Elective

Program Course List

Number	Title	Credits	Pre/Corequisites
AGRI 1810	Intro to Sustainable Microfarming	1	None.
AGBS 1100	Agriculture Selling Skills	3	None
AGEC 1100	Introduction to Agricultural Economics	3	None
AGEC 1200	Principles of Farm Records	3	none
AGEC 2650	Alternative Agriculture and Direct Marketing	3	None
AGRI 1850	Employer/Employee Relations	3	None
AGRI 2780	Agribusiness Internship	2	Instructor Permission
ANSC 1100	Livestock Production Principles	3	
ANSC 1200	Livestock Lab	2	
ANSC 2100	Principles of Animal Nutrition	3	
MEAG 1500	Facility Maintenance	3	None.
MEAG 1610	Ag Equipment Maintenance	3	None
MEAG 1700	Agricultural Industry Equipment	3	None
MEAG 2200	Planning Farmstead Environment	3	None
PLSC 1100	Soils I	3	None
PLSC 1105	Forages and Pasture Management	2	None
PLSC 1200	Soils II	3	PLSC 1100 Soils I
PLSC 1300	Agronomy I	2	No prerequisites for this class
PLSC 1400	Agronomy II	3	PLSC 1300
PLSC 2700	Advanced Agronomy	3	PLSC 1300 & PLSC 1400
SGAG 1000	Agribusiness Orientation	1	Enrolled in the Agribusiness Program
VITI 1111	Introduction to Viticulture and Vineyard Establishment	3	None
VITI 1213	Regional Vineyard Management	2	VITI 1111 and one of the following VITI 1113, VITI 1114, VITI 1115