



**South Central College
Program Design**

AAS 3166 Production Agriculture

Program Information

Instructional Level Associate Degree

Career Cluster Agriculture, Food & Natural Resources

Description

Emphasis Areas available include: Agronomy, Animal Science, Diversified, Sustainable Microfarming, Viticulture.

Program emphasis areas provide learners with an opportunity for study in the areas of plant and animal production. The crop production areas consist of selection, planning, management, harvesting, and marketing. Areas of soil science are also studied focusing on fertility, conservation, and tillage. The animal production study consists of areas in breeding, feeding, care, management, and marketing. In addition, courses in farm machinery, buildings and structures, farm management, farm accounting, farm business analysis, and farm business reorganization provide a broad-based program of study. Learners will be required to keep a complete farm record for analysis and interpretation. An on-the-farm internship will be required. The A.A.S. Degree includes 15 credits of Liberal Arts and Sciences.

Program Admission Dates (Fall and/or Spring)

Fall and Spring

Program Location (North Mankato and/or Faribault)

North Mankato

Program Student Learning Outcomes

- 1 Develop and assess a soil and crop management plan and/or prepare and assess a livestock management plan.
- 2 Perform agricultural production operations
- 3 Utilize a comprehensive farm business plan
- 4 Demonstrate approved ag management practices
- 5 Demonstrate effective participation in an agribusiness team

Program Configurations

Fall Start

Credits

Technical Course	57
Liberal Arts & Sciences	15
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Total Credits	72

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Course #	Course Title	Credits	Function
AGEC 2400	Commodity Marketing Principles	3	Technical Course
AGEC 2500	Agribusiness Transfer & Law	2	Technical Course
	Agribusiness Electives		Technical Course
	LAS Electives		Liberal Arts & Sciences

Year 2 - Spring Semester

Course #	Course Title	Credits	Function
AGEC 2250	Farm Business Planning & Analysis	4	Technical Course
AGRI 2700	Agricultural Technology Seminar	2	Technical Course
	Agribusiness Electives		Technical Course
	LAS Electives		Liberal Arts & Sciences

Program Course List

Number	Title	Credits	Pre/Corequisites
AGBS 1100	Agriculture Selling Skills	3	None
AGBS 2015	Commercial Driver's License	1	a valid MN Class D driver's license 18 years of age
AGBS 2990	International Field Study	3	None
AGBS 2995	Individualized Study/Special Problems	1	Successful completion of 2 full semesters or by special arrangement.
AGEC 1100	Introduction to Agricultural Economics	3	None
AGEC 1200	Principles of Farm Records	3	none
AGEC 2250	Farm Business Planning & Analysis	4	Completion of Farm Records is highly recommended.
AGEC 2400	Commodity Marketing Principles	3	AGEC 1100
AGEC 2450	Commodity Marketing Strategies	2	AGEC 2400, AGEC 1100
AGEC 2550	Agribusiness Transfer & Law	3	None.
AGEC 2650	Alternative Agriculture and Direct Marketing	3	None
AGRI 2780	Agribusiness Internship	2	Instructor Permission
ANSC 1105	Beef Production	3	
ANSC 1200	Livestock Lab	2	
ANSC 1205	Ruminant Animal Production	3	None
ANSC 1305	Cattle Artificial Insemination	1	
ANSC 2100	Principles of Animal Nutrition	3	

