



**South Central College**  
**Program Design**

## **CERT 3117 Ag Chemical Applicator Technician**

### **Program Information**

**Instructional Level** Certificate

**Career Cluster** Agriculture, Food & Natural Resources

### **Description**

The Ag Chemical Applicator Technician Program will provide hands-on training in all areas of agriculture, including crops, soil, fertilizers, equipment operation and maintenance and agribusiness sales and management. Participants will gain proficiency with ultra-modern, high-tech chemical application equipment. Extensive use will be made of community-based resources to help provide private employment experience for students.

### **Program Admission Dates (Fall and/or Spring)**

Fall and Spring

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

North Mankato

### **Program Student Learning Outcomes**

- 1 Demonstrate effective participation on an agribusiness team
- 2 Perform maintenance and operate agribusiness industry equipment
- 3 Perform agribusiness industry computer functions
- 4 Promote and sell agricultural services and products
- 5 Develop and maintain agribusiness records systems
- 6 Demonstrate application of agricultural inputs

### **Program Configurations**

#### **Fall Start**

#### **Credits**

Technical Course	30
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<b>Total Credits</b>	<b>30</b>
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### Year 1 - Fall Semester

Course #	Course Title	Credits	Function
PLSC 1100	Soils I	3	Technical Course
PLSC 1205	Precision Agriculture	3	Technical Course
PLSC 1300	Agronomy I	2	Technical Course
PLSC 1200	Soils II	3	Technical Course
SGAG 1000	Agribusiness Orientation	1	Technical Course
AGRI 2780	Agribusiness Internship	2	Technical Course
AGBS 2015	Commercial Driver's License	1	Technical Course

### Year 1 - Spring Semester

Course #	Course Title	Credits	Function
AGBS 1100	Agriculture Selling Skills	3	Technical Course
AGRI 1800	Employer/Employee Relations	2	Technical Course
AGRI 2700	Agricultural Technology Seminar	2	Technical Course
MEAG 1700	Agricultural Industry Equipment	3	Technical Course
AGRI 2780	Agribusiness Internship	2	Technical Course
PLSC 1400	Agronomy II	3	Technical Course

### Program Course List

Number	Title	Credits	Pre/Corequisites
AGBS 1100	Agriculture Selling Skills	3	None
AGBS 2015	Commercial Driver's License	1	None.
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
AGRI 1800	Employer/Employee Relations	2	None
AGRI 2700	Agricultural Technology Seminar	2	AGEC 2400 or Instructor Permission
AGRI 2780	Agribusiness Internship	1	Instructor Permission
MEAG 1610	Ag Equipment Maintenance	3	None
MEAG 1700	Agricultural Industry Equipment	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 1205	Precision Agriculture	3	
PLSC 1300	Agronomy I	2	No prerequisites for this class

<b>PLSC 1400</b>	<b>Agronomy II</b>	<b>3</b>	<b>PLSC 1300</b>
<b>PLSC 2000</b>	<b>Commercial Pesticide License Training</b>	<b>1</b>	
<b>PLSC 2700</b>	<b>Advanced Agronomy</b>	<b>3</b>	<b>PLSC 1300 &amp; PLSC 1400</b>
<b>SGAG 1000</b>	<b>Agribusiness Orientation</b>	<b>1</b>	<b>Enrolled in the Agribusiness Program</b>