

# WESTERN DAKOTA

## TECHNICAL COLLEGE

### AGRICULTURAL BUSINESS

#### Associate of Applied Science, 61-66 Credit Hours, 18-Month Program

This four-semester Associate of Applied Science degree program will prepare students who plan to run family farms and ranches, and those who wish to enter industries that support agriculture, including equipment sales and others. This program includes classroom theory and hands-on experience that allows students to practice what they learn in the classroom. Students will visit farm and ranch operations and support businesses to apply what they learn.

Course	No.	Course Title	Credits
<b>General Education Requirements</b>			
CSC	105	MICROCOMPUTER SOFTWARE APPLICATIONS I	3
ECON	202	PRINCIPLES OF MACROECONOMICS <i>online</i>	3
ENGL	101	COMPOSITION I* <i>or</i>	3
ENGL	106	WORKPLACE COMMUNICATIONS I*	
MATH	100	ELEMENTARY ALGEBRA** <i>or higher or</i>	3
MATH	105	MATHEMATICAL REASONING	
MATH	112	BUSINESS MATHEMATICS	3
PSYC	101	GENERAL PSYCHOLOGY <i>or</i>	3
PSYC	103	HUMAN RELATIONS IN THE WORKPLACE	
<b>Total</b>			<b>18</b>
<b>Technical Requirements</b>			
AG	110	FUNDAMENTALS IN SOIL SCIENCE	2
AG	115	INTRODUCTION TO AGRONOMY & PLANT SCIENCE	3
AG	130	INTRODUCTION TO ANIMAL SCIENCE	3
AG	132	FARM AND RANCH MANAGEMENT	3
AG	140	RANGE AND PASTURE MANAGEMENT	3
AG	220	BEEF CATTLE PRODUCTION	3
AG	222	CATTLE REPRODUCTION	3
AG	234	PRINCIPLES OF FEEDS AND FEEDING	3
AG	250	AGRICULTURAL LAW AND CONTRACTS	2
AG	255	AGRICULTURAL ECONOMICS	3
AG	299	INTERNSHIP	4
BUS	140	BUSINESS LAW	3
BUS	224	PERSONAL FINANCE	3
BUS	233	SMALL BUSINESS ENTREPRENEURSHIP	3
TECHNICAL ELECTIVES			2-7
<b>Total</b>			<b>43-48</b>
<b>Technical Electives- Choose 1 course (2-7 Credits)</b>			
ACCT	120	PRINCIPLES OF ACCOUNTING I	3
DT	100	INTRODUCTION TO DIESEL TECHNOLOGY	3
DT	115	PREVENTATIVE MAINTENANCE	3
TRU	101	TRUCK DRIVING THEORY AND LAB	7
WDM	100	WELDING & FABRICATION FOR GENERAL APPLICATIONS	2

\*Prerequisite: Acceptable ACCUPLACER score or Basic Writing.

\*\*Prerequisite: Acceptable ACCUPLACER score.

Semester breakdown on next page

2025-2026 Academic Catalog – 5/2025

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### Semester Breakdown AAS

First Semester			Second Semester		
		CR			CR
AG 110	Fundamentals in Soil Science	2	AG 130	Introduction to Animal Science	3
AG 115	Introduction to Agronomy & Plant Science	3	AG 132	Farm and Ranch Management	3
CSC 105	Microcomputer Software Applications I	3	AG 140	Range and Pasture Management	3
ENGL101	Composition I <i>or</i>	3	ECON 202	Principles of Macroeconomics <i>online</i>	3
ENGL106	Workplace Communications I		MATH100	Elementary Algebra <i>or higher or</i>	3
MATH112	Business Mathematics	3	MATH105	Mathematical Reasoning	
PSYC 101	General Psychology <i>or</i>				
PSYC 103	Human Relations in the Workplace	3			
Total Credit Hours		17	Total Credit Hours		15
Third Semester			Fourth Semester		
		CR			CR
AG 220	Beef Cattle Production	3	AG 234	Principles of Feeds and Feeding	3
AG 222	Cattle Reproduction	3	AG 250	Agricultural Law and Contracts	2
BUS 140	Business Law	3	AG 255	Agricultural Economics	3
BUS 224	Personal Finance	3	AG 299	Internship	4
	Technical Electives (see course list)	2-7	BUS 233	Small Business Entrepreneurship	3
Total Credit Hours		14-19	Total Credit Hours		15

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