

the credit load in the fourth semester and additionally guarantee maximum credit transfer.

# Applied Agriculture Technology

## Diploma Certificate Scottsbluff

This program emphasizes technical knowledge and skills related to crop production and livestock operations. Coursework provides learning related to agricultural machinery use and operation, facility and equipment maintenance, regulations governing agriculture, plant science, and animal science.

### Objectives

- Demonstrate recognition of agricultural facility operation and compliance needs.
- Demonstrate understanding of how to safely operate agricultural machinery.
- Demonstrate awareness of broader (current and future) issues facing the agriculture industry.
- Obtain industry credentials recognized by the local workforce.

## Diploma

### D2.0199 (34 credits)

To earn a diploma in applied agriculture technology, students must complete nine (9) credits of general education requirements and 25 credits of required applied ag courses, 16 of which can be earned by completing the requirements for the applied agriculture basic certificate.

**Gainful Employment (GE)** – For more information about WNCC's graduation rates, the median debt of students who have completed this program, and other important information, please visit [wncc.edu/equity](http://wncc.edu/equity).

## Recommended Plan of Study

### General Education Requirements 9 credits

Course	Credits
ENGL-0500 Workplace Writing (or higher)*	3
MATH-1020 Technical Mathematics (or higher)*	3
PRDV-1010 Achieving College Success	3
<b>Total Gen Ed Requirements</b>	<b>9</b>

\*English and math course selections are dependent on writing and math proficiency based on assessment. Students should consult with their academic advisor about specific general education courses required.

## Applied Ag Requirements 25 credits

Course	Credits
AGRI-1005 Intro to Applied Agriculture	3
AGRI-1010 Agricultural Regulations	3
or	
Elective (see advisor)	
AGRI-1020 Weed and Pest Control	3
AGRI-1100 Agriculture Machinery	3
AGRI-1370 Water Systems Management	3
AGRI-1400 Ag Commercial Vehicle Operation	3
AGRI-2000 Emerging Agriculture Issues	3
AGRI-2500 Field Practicum/Internship	3
AMDT-1000 OSHA-10	1
<b>Total Applied Ag Requirements</b>	<b>25</b>
<b>Total Diploma Credits</b>	<b>34</b>

## Certificate

### C1.0199A (16 credits) Applied Agriculture Basic

### C1.0199B (16 credits) Agriculture Welder

WNCC offers two certificate programs in applied agriculture – a basic program and one focusing on welding. The credits earned for the basic applied agriculture certificate fulfill 16 credits of the requirements for a diploma in applied agriculture.

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## Recommended Plan of Study

### Applied Agriculture Basic Certificate

Course	Credits
AGRI-1020 Weed and Pest Control	3
AGRI-1100 Agriculture Machinery	3
AGRI-1370 Water Systems Management	3
AGRI-1400 Ag Commercial Vehicle Operation	3
AGRI-2500 Field Practicum/Internship	3
AMDT-1000 OSHA-10	1
<b>Total Credits</b>	<b>16</b>

### Agricultural Welder Certificate

Course	Credits
AGRI-1100 Agriculture Machinery	3
AGRI-1370 Water Systems Management	3
AMDT-1000 OSHA-10	1
Agricultural elective	3

Welding electives	6
<b>Total Credits</b>	<b>16</b>

## Auto Body Technology

**Associate of Occupational Studies (AOS)**

**Diploma**

**Certificate**

**Scottsbluff**

This program offers the necessary laboratory and technical information to train students in all areas of the auto body field.

### Objectives

- Develop in each student safe, clean work habits, attitudes, and skills.
- Provide an opportunity to learn by doing under conditions similar to those in an auto body shop.
- Develop habits of good customer relations.
- Train students in metalwork, painting, front-end alignment, framework, and other related activities.
- Develop knowledge of correct shop techniques and equipment usage.

## Associate of Occupational Studies (AOS)

**AOS.4706 (67-69 credits)**

For the AOS in auto body technology, students will complete 67-69 credits including minimum of 15 general education credits. It is highly recommended that students complete an internship as part of this program. Each student's final education plan must be approved by his/her faculty advisor and the chair of Applied Technology.

### Notes

- Students may enroll in an internship after maintaining a 3.0 GPA in 12 or more credits of coursework in auto body technology.

## Recommended Plan of Study

1st Semester		Credits
AUTB-1150	Non-Structural Analysis & Damage Repair I	6
AUTB-2150	Non-Structural Analysis & Damage Repair II	6
ENGL-0500	Workplace Writing (or higher)*	3
WELD-1070	Auto Body Welding	3
<b>Total Credits</b>		<b>18</b>
2nd Semester		Credits
AUTB-1170	Paint & Refinish I	6

AUTB-1200	Plastics & Adhesives	3
AUTB-2170	Paint & Refinish II	6
MATH-1020	Technical Math (or higher)*	3
<b>Total Credits</b>		<b>18</b>

3rd Semester		Credits
AUTB-1220	Electrical & Mechanical Components	3
AUTB-1400	Structural Analysis & Damage Repair I	6
AUTB-2500	AUTB Internship or Technical elective	1-3
	Social Science GE electives	6
	General Education elective	3
<b>Total Credits</b>		<b>16-18</b>

4th Semester		Credits
AUTB-1240	Special Finishes	3
AUTB-2400	Structural Analysis & Damage Repair II	6
AUTO-1350	Automotive Heating & Air Conditioning	3
SPCH-1200	Human Communication	3
<b>Total Credits</b>		<b>15</b>
<b>Total AOS Credits</b>		<b>67-69</b>

\*English and math course selections are dependent on writing and math proficiency based on assessment. Students should consult with their academic advisor about specific general education courses required.

## Diploma

**D2.4706 (43-46 Credits)**

The diploma in auto body technology is designed to fulfill at least 46 credits of the AOS degree. Students must complete six (6) credits of required general education courses. Students must also complete 40 credits of technical coursework for a minimum credit total of 46 credits. It is highly recommended that students complete an internship as part of this program. Each student's final plan must be approved by his/her faculty advisor and the chair of the Division of Business and Applied Technology.

**Gainful Employment (GE)** – For more information about WNCC graduation rates, the median debt of students who completed this program, and other important information, please visit our website at [wncc.edu/equity](http://wncc.edu/equity).

### Notes

- Students may enroll in an internship after maintaining a 3.0 GPA in 24 or more credits of auto body technology and a 2.5 cumulative GPA.