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|----------------------|-----------|
| Welding electives | 6 |
| Total Credits | 16 |

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 |
| Total Credits | | 18 |
| 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 |
| Total Credits | | 18 |

3rd Semester

Credits

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

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 |
| Total Credits | | 15 |
| Total AOS Credits | | 67-69 |

*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.

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.

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 |
| Total Credits | | 18 |

| 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)* | 3-4 |
| Total Credits | | 18-19 |

| 3rd Semester | | Credits |
|------------------------------|---|--------------|
| AUTB-1220 | Electrical & Mechanical Components | 1-3 |
| AUTB-1400 | Structural Analysis & Damage Repair I | 6 |
| AUTB-2500 | AUTB Internship or Technical elective | 6 |
| Total Credits | | 13-15 |
| Total Diploma Credits | | 43-46 |

*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.

Certificate

C2.4706 (30-37 Credits)

The certificate in auto body technology is designed to fulfill at least 30 credit credits of the auto body technology diploma. Students must complete three (3) credits of English and three (3) credits of math or show competency in writing and mathematics by assessment. An industry certification test will waive the writing and mathematics requirement.

Gainful Employment (GE) – For more information about WNCN graduation rates, the median debt of students who completed this program, and other important information, please visit our website at wncn.edu/equity.

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 |
| Total Credits | | 18 |

| 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)* | 3-4 |
| Total Credits | | 18-19 |

Total Certificate Credits 30-37

*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.

Automotive Technology

Associate of Occupational Studies (AOS)

Certificate

Scottsbluff

Upon completion of this program, the student possesses skills and knowledge required for employment in the automotive industry. The automotive technology curriculum includes information on vehicles from a variety of manufacturers, both foreign and domestic.

Technical Standards

Upon successful completion of a course of study in one of the aspects of the automotive maintenance and repair, students will be able to:

- Demonstrate safe, clean work habits, attitudes, and proficiencies required in the area of automotive maintenance, problem diagnosis, repair, function/appearance restoration, or paint and refinishing.
- Demonstrate a professional work ethic and cooperative attitude necessary for successful employment in a service industry.
- Perform repairs under conditions similar to those found in the automotive industry.
- Work effectively with others in order to accomplish tasks requiring collaboration or teamwork to complete the job.