



2011 - 2012
Career and Technical Programs

Advanced Technology Division
541.463.5380

lanecc.edu

Auto Body and Fender Technology

Two-Year Associate of Applied Science Degree
Auto Collision Option
Auto Paint Option
Two-Year Certificate of Completion

Purpose To train technicians in the latest paint and collision technology, and provide substantial practical experience essential to becoming proficient in this industry, for careers in car dealerships, independent body and paint shops, heavy-duty truck shops, or with jobbers selling paint and collision equipment and materials.

Auto Collision Option prepares students for specialization in the auto collision industry, for careers in auto dealerships, custom repair shops, independent body shops, motor home manufacturing, employment with collision jobbers, auto collision repair estimators, and auto collision manufacturers.

Auto Paint Option prepares students for specialization in the auto paint industry, for careers in auto dealerships, custom paint shops, independent paint shops, heavy-duty truck shops, the motor home industry, and with paint jobbers and paint equipment manufacturers.

Learning Outcomes The student who successfully completes all Auto Body and Fender AAS or 2-year certificate program requirements will:

- adhere to OSHA and industry safety standards.
- effectively use the latest collision repair equipment as well as refinishing procedures.
- repair and refinish automobile bodies to industry standards.
- access library, computing, and communications services and obtain information and data from regional and national networks.
- interpret the concepts of a problem-solving task and translate them into mathematical equations.

In addition to the outcomes for Auto Body and Fender, the student who successfully completes all Auto Collision Option program requirements will:

- effectively use state-of-the-art measuring and collision repair equipment.
- demonstrate a thorough knowledge of advances in technology in auto collision.
- enter the workforce with substantial practical experience in collision repair.
- repair and reconstruct automobile bodies to industry standards.

In addition to the outcomes for Auto Body and Fender, the student who successfully completes all Auto Paint Option program requirements will:

- demonstrate thorough knowledge of advances in technology in auto paint.
- effectively use state-of-the-art equipment and materials as well as refinishing procedures.
- enter the workforce with substantial practical experience.

Employment Trends

- Lane County openings - 20 annually, projected through 2018
- Statewide openings - 100 annually, projected through 2018
- Those with an associate degree in one of the program options will have a competitive advantage in the labor market.

Wages

- Average hourly rate in Lane County - \$16.06
- Average annual rate in Lane County - \$33,394
- Average hourly rate Statewide - \$19.50
- Average annual rate Statewide - \$47,000 (\$50,000+ with experience)

Costs in Addition to Tuition and Registration Fees (estimate)*

Books.....	\$600
Tools	\$550
Differential Fees*	\$2,987
Class Fees	<u>\$1,326</u>
Total	\$5,463

*This is the total of all the differential fees attached to Auto Body and Fender courses. These and other fees may change during the year - see the online credit class schedule for fees assigned to courses.

Licensing or Other Certification Exams Required Completion of this program may substitute for one year of the two years of work experience required for taking written exams for ASE certification.

Prerequisites Minimum placement score of 68 in Reading OR completion of RD 080 OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

Admission Information Contact Advanced Technology Division, or see lanecc.edu/advtech/AB/index.htm

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Auto Body and Fender Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits in AB 280 may be earned in lieu of required Auto Body and Fender course credits. Contact Marv Clemons, Auto Body Co-op Coordinator, Bldg. 8, Rm. 111, 541.463.3158, clemonsm@lanecc.edu.

Auto Body and Fender Technology

Two-Year Associate of Applied Science Degree

First Year		Fall
AB 132 Beginning Auto Paint ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
MTH 060 Beginning Algebra ^{*,D,G} or higher mathematics.....		4
Total Credits		16

		Winter
AB 132 Beginning Auto Paint ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
EL 115 Effective Learning		3
Art elective		2
Total Credits		17

		Spring
AB 133 Beginning Auto Collision ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
CS 120 Concepts of Computing: Information Processing or higher computer science		4
Total Credits		16

Second Year		Fall
AB 133 Beginning Auto Collision ^{*,D,G}		6
AB 261 Intermediate Auto Collision ^{*,D,G}		6
MTH 076 Applied Geometry for Technicians [*] or higher mathematics.....		4
WR 115W Introduction to College Writing: Workplace Emphasis or higher writing ^D		3
Total Credits		19

		Winter
AB 260 Intermediate Auto Paint ^{*,D,G}		3
AB 261 Intermediate Auto Collision ^{*,D,G}		9
PE/Health requirement ^{D,R}		3
Arts/Letters requirement ^R		3
Total Credits		18

		Spring
AB 260 Intermediate Auto Paint ^{*,D,G}		12
Business elective		3
Human Relations requirement ^R		3
Total Credits		18

Elective AB 280 Co-op Ed: Auto Body Repair (optional)

Note: Recommended courses prior to entering major core courses—Effective Learning, Basic Mathematics Applications, and Introduction to College Writing: Workplace Emphasis.

Auto Collision Option

Two-Year Associate of Applied Science Degree

First Year		Fall
AB 133 Beginning Auto Collision ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
MTH 060 Beginning Algebra ^{*,D,G} or higher mathematics.....		4
Total Credits		16

		Winter
AB 133 Beginning Auto Collision ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
EL 115 Effective Learning		3
Art elective		2
Total Credits		17

		Spring
AB 134 Paint and Collision ^{*,D,G}		6
AB 261 Intermediate Auto Collision ^{*,D,G}		6
CS 120 Concepts of Computing: Information Processing or higher computer science.....		4
Total Credits		16

Second Year		Fall
AB 261 Intermediate Auto Collision ^{*,D,G}		9
AB 263 Advanced Auto Collision ^{*,D,G}		3
MTH 076 Applied Geometry for Technicians [*] or higher mathematics.....		4
WR 115W Introduction to College Writing: Workplace Emphasis D or higher writing		3
Total Credits		19

		Winter
AB 263 Advanced Auto Collision ^{*,D,G}		12
PE/Health requirement ^{D,R}		3
Arts/Letters requirement ^R		3
Total Credits		18

		Spring
AB 132 Beginning Auto Paint ^{*,D,G}		12
Business elective		3
Human Relations requirement ^R		3
Elective AB 280 Co-op Ed: Auto Body Repair (optional)		

Total Credits 18

Auto Body and Fender Technology

Auto Paint Option

Two-Year Associate of Applied Science Degree

First Year		Fall
AB 132 Beginning Auto Paint ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
MTH 060 Beginning Algebra ^{*,D,G} or higher mathematics.....		4
Total Credits		16

		Winter
AB 132 Beginning Auto Paint ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
EL 115 Effective Learning		3
Art elective		2
Total Credits		17

		Spring
AB 134 Paint and Collision ^{*,D,G}		6
AB 260 Intermediate Auto Paint ^{*,D,G}		6
CS 120 Concepts of Computing: Information Processing or higher computer science.....		4
Total Credits		16

Second Year		Fall
AB 260 Intermediate Auto Paint ^{*,D,G}		9
AB 262 Advanced Auto Paint ^{*,D,G}		3
MTH 076 Applied Geometry for Technicians [*] or higher mathematics.....		4
WR 115W Introduction to College Writing: Workplace Emphasis D or higher writing		3
Total Credits		19

		Winter
AB 262 Advanced Auto Paint ^{*,D,G}		12
PE/Health requirement ^{D,R}		3
Arts/Letters requirement ^R		3
Total Credits		18

		Spring
AB 133 Beginning Auto Collision ^{*,D,G}		12
Business elective		3
Human Relations requirement ^R		3
Total Credits		18

Note: Recommended courses prior to entering major core courses—Effective Learning, Basic Mathematics Applications, and Introduction to College Writing: Workplace emphasis.

Auto Body and Fender Technology

Two-Year Certificate of Completion

First Year		Fall
AB 132 Beginning Auto Paint ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
EL 115 Effective Learning		3
Total Credits		15

		Winter
AB 132 Beginning Auto Paint ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
Art elective		2
Total Credits		14

		Spring
AB 133 Beginning Auto Collision ^{*,D,G}		6
AB 134 Paint and Collision ^{*,D,G}		6
WR 115W Introduction to College Writing: Workplace Emphasis ^D or higher writing		3
Total Credits		15

Second Year		Fall
AB 133 Beginning Auto Collision ^{*,D,G}		6
AB 261 Intermediate Auto Collision ^{*,D,G}		6
Choice of:.....		4
MTH 060 Beginning Algebra ^{*,D,G}		
MTH 076 Applied Geometry for Technicians ^{*,D,G} or higher mathematics		
Total Credits		16

		Winter
AB 260 Intermediate Auto Paint ^{*,D,G}		3
AB 261 Intermediate Auto Collision ^{*,D,G}		9
PE/Health Elective ^D		3
Total Credits		15

		Spring
AB 260 Intermediate Auto Paint ^{*,D,G}		12
Human Relations requirement ^D		3
Total Credits		15

an equal opportunity/affirmative action institution committed to cultural diversity and compliance with the Americans with Disabilities Act 6/11

Standard footnotes:

* Prerequisite required

B Must be passed with grade of "B" or better to use as a prerequisite

D Degree or certificate requirement; must be passed with grade of "C-" or better

G Must be taken for a grade, not P/NP; major requirement

R Required for AAS degree