

COLLISION REPAIR TECHNOLOGY AAS

The Collision Repair Technology program is an Automotive Service Excellence (ASE) certified program and is designed to help students develop knowledge and skills for employment in the collision repair industry. Students are provided theory and practice in repairing vehicles damaged in a collision. Core instruction for the Collision Repair program is provided during the first year. During the second year, students receive in-depth instruction in more complex systems. Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. Tools will be required once you enter the program. Your instructor will advise you.

Entrance requirements for students seeking enrollment in the Collision Repair Technology program include:

- ALEKS score of 14 or higher in Math (Algebra), Writing Placement Exam score of 2 or higher, or qualify for MTHPT-103 and ENGL-101.
- Enrollment priority will be given students on the basis of student's enrollment date.
- Enrollment priority will be given first to AAS degree seeking students on first-come first-serve basis as determined by their faculty advising date.
- Students must hold a valid driver's license to enroll in the Collision Repair Technology Program. If you have any questions regarding your driver's license, please contact the T&I Division Office prior to submitting your application to LC State.
- Collision Repair has physical requirements that may affect the student's ability to function in this program. Physical recommendations as listed in the US Bureau of Labor Statics for Collision Repair Technology.

Upon completion of the Collision Repair Technology program, the student will have basic skills to:

- Remove, replace, and align bolt on body panels.
- Repair damaged body panels.
- Prep vehicles for paint.
- Mix, match, and apply paint.
- Repair damaged plastic body panels.
- Use MIG welder to replace welded panels.
- Set up and measure frames to analyze structural damage.
- Make mechanical and electrical repairs.
- Detail vehicle interior and exterior.

General Education Requirements

Code	Title	Credits
Written Communication		
ENGL-101	WRITING AND RHETORIC I	3.00
Oral Communication		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
Mathematical Ways of Knowing		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
Social & Behavioral Ways of Knowing		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	

HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

Additional General Education Core

Select one of the following: 3.00-5.00

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR

PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

Total Credits**16.00-18.00**

Program Requirements

Code	Title	Credits
Technical Core		
CRPTI-110	INTRODUCTION TO COLLISION REPAIR (or CRPTI-110A, CRPTI-110B and CRPTI-110C)	6.00
CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
CRPTI-150	STRUCTURAL REPAIRS I	6.00
CRPTI-210	STRUCTURAL REPAIRS II (or CRPTI-210A and CRPTI-210B)	6.00
CRPTI-220	MECHANICAL REPAIRS	6.00
CRPTI-230	REFINISHING I	6.00
CRPTI-240	REFINISHING II (or CRPTI-240A and CRPTI-240B)	6.00
CRPTI-194	INTERNSHIP IN COLLISION REPAIR	3.00
Total Credits		51.00

Sequential Plan of Study - Even Year

Course	Title	Credits
First Year		
Fall		
CRPTI-110 or CRPTI-110A <i>and</i> CRPTI-110B <i>and</i> CRPTI-110C	INTRODUCTION TO COLLISION REPAIR or SAFETY & POLLUTION PREVENTION <i>and</i> MINOR COLLISION REPAIR THEORY/LAB <i>and</i> BASIC COLLISION REPAIR LAB	6.00
CRPTI-240 or CRPTI-240A <i>and</i> CRPTI-240B	REFINISHING II or DETAILING AND POLISHING <i>and</i> COLOR MATCHING	6.00
ENGL-101	WRITING AND RHETORIC I	3.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
	Credits	19.00
Spring		
CRPTI-210 or CRPTI-210A <i>and</i> CRPTI-210B	STRUCTURAL REPAIRS II or INTRO TO WELDING FOR COLLISION REPAIR THEORY/LAB <i>and</i> STRUCTURAL INTEGRITY	6.00
CRPTI-220	MECHANICAL REPAIRS	6.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
	Credits	18.00
Second Year		
Fall		
CORE	Additional General Education Course	3.00

CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
Credits		15.00
Spring		
CRPTI-150	STRUCTURAL REPAIRS I	6.00
CRPTI-230	REFINISHING I	6.00
CRPTI-194	INTERNSHIP IN COLLISION REPAIR	3.00
Credits		15.00
Total Credits		67.00

Sequential Plan of Study - Odd Year

Course	Title	Credits
First Year		
Fall		
CRPTI-110 or CRPTI-110A <i>and</i> CRPTI-110B <i>and</i> CRPTI-110C	INTRODUCTION TO COLLISION REPAIR or SAFETY & POLLUTION PREVENTION <i>and</i> MINOR COLLISION REPAIR THEORY/LAB <i>and</i> BASIC COLLISION REPAIR LAB	6.00
CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
ENGL-101	WRITING AND RHETORIC I	3.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
Credits		19.00
Spring		
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CRPTI-150	STRUCTURAL REPAIRS I	6.00
CRPTI-230	REFINISHING I	6.00
Credits		18.00
Second Year		
Fall		
CORE	Additional General Education Course	3.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
CRPTI-240 or CRPTI-240A <i>and</i> CRPTI-240B	REFINISHING II or DETAILING AND POLISHING <i>and</i> COLOR MATCHING	6.00
Credits		15.00
Spring		
CRPTI-210 or CRPTI-210A <i>and</i> CRPTI-210B	STRUCTURAL REPAIRS II or INTRO TO WELDING FOR COLLISION REPAIR THEORY/LAB <i>and</i> STRUCTURAL INTEGRITY	6.00
CRPTI-220	MECHANICAL REPAIRS	6.00
CRPTI-194	INTERNSHIP IN COLLISION REPAIR	3.00
Credits		15.00
Total Credits		67.00

Graduates from Collision Repair Technology (<https://www.careeronestop.org/toolkit/careers/occupations/Occupation-profile.aspx?keyword=Automotive%20Body%20and%20Related%20Repairers&onetcode=49302100&ES=Y&EST=automotive+repairer>) programs go on to obtain careers in a variety of fields:

- Automotive Painter, Refinisher
- Body and Frame technician
- Heavy Truck Refinishing
- Collision Repair Estimating
- Marine Refinishing

- Aviation Refinishing
- Autobody Restoration