

AUTO BODY/COLLISION REPAIR TEC (CRT)

CRT 100 (2 credit hours)

Introduction to Collision Repair

Introduces the student to safety, sanding, grinding, pulling, roughing and filling; the use of tools and equipment; and preparing and priming automotive panels through lectures and demonstration. Lecture: 2.0 (30 contact hours).

Attributes: Technical

Components: LEC: Lecture

CRT 130 (6 credit hours)

Non-Structural Analysis and Damage Repair

Provides instruction in the replacement and alignment of bolts on automotive parts such as doors, hood, and fenders; as well as instruction on the repair and replacement of non-structural weld-on automotive panels by aligning, welding, cutting and drilling through demonstrations and lectures. Includes instruction on how to repair plastic, fiberglass, SMC and flexible automobile parts. Lecture: 6.0 credits (90 contact hours).

Attributes: Technical

Components: LEC: Lecture

CRT 131 (6 credit hours)

Non-Structural Analysis and Damage Repair Lab

Provides practical experience in the replacement and alignment of bolts on automotive parts such as doors, hood, and fenders; as well as instruction on the repair and replacement of non-structural weld-on automotive panels by aligning, welding, cutting and drilling. Includes instruction on how to repair plastic, fiberglass, SMC and flexible automobile parts. Requires skills that are most effectively taught and practiced on live work; the exact content will be influenced by the live work available. Pre-requisite Or Lab: 6.0 credits (180 - 270 contact hours).

Co-requisite: CRT 130.

Attributes: Technical

Components: LAB: Laboratory

CRT 150 (6 credit hours)

Painting and Refinishing

Provides instruction in the use of lacquer, acrylic enamel and base coat/clear coat refinishing products, masking procedures, preparations and paint problems. Lecture: 6.0 credits (90 contact hours).

Attributes: Technical

Components: LEC: Lecture

CRT 151 (6 credit hours)

Painting and Refinishing Lab

Provides instruction in the use of lacquer, acrylic enamel and base coat/clear coat refinishing products, masking procedures, preparations and paint problems. (The auto and/or autos being used for live work will determine exact content.) Pre-requisite Or Lab: 6.0 credits (180 -270 contact hours).

Co-requisite: CRT 150.

Attributes: Technical

Components: LAB: Laboratory

CRT 198 (1-8 credit hours)

Practicum

Provides supervised on-the-job work experience related to the students' education objectives. (Students participating in the practicum do not receive compensation. May be taken for 1-8 credits.) Practicum: 1.0 - 8.0 credit hours.

Pre-requisite: Consent of Instructor.

Attributes: Technical

Components: PCM: Practicum

CRT 199 (1-8 credit hours)

Cooperative Education

Provides supervised on-the-job work experience related to the students' educational objectives. (Students participating in the Co-op Education program receive compensation for their work. May be taken for 1 - 8 credits.) Co-Op: 1.0 - 8.0 credit hours.

Pre-requisite: Consent of Instructor.

Attributes: Technical

Components: COP: Co-op

CRT 230 (6 credit hours)

Structural Analysis and Damage Repair

Presents instruction on the analysis, repair and replacement of structural panels on unibody automobiles and body and frame alignment on unibody and frame cars. Lecture: 6.0 credits (90 contact hours).

Attributes: Technical

Components: LEC: Lecture

CRT 231 (6 credit hours)

Structural Analysis and Damage Repair Lab

Presents instruction on the analysis, repair and replacement of structural panels on unibody automobiles and body and frame alignment on unibody and frame cars. Pre-requisite Or Lab: 6.0 credits (180 - 270 contact hours).

Co-requisite: CRT 230.

Attributes: Technical

Components: LAB: Laboratory

CRT 250 (6 credit hours)

Mechanical and Electrical Components

Provides instruction in the diagnosis, repair, and/or replacement of suspension, steering, electrical, brake, drive train, fuel, exhaust, and restraint systems. Includes theories and concepts of heating and air conditioning systems. Lecture: 6.0 credits (90 contact hours).

Attributes: Technical

Components: LEC: Lecture

CRT 251 (6 credit hours)

Mechanical and Electrical Components Lab

Provides practical experience in the diagnosis, repair, and/or replacement of suspension, steering, electrical, brake, drive train, fuel, exhaust, and restraint systems. Includes demonstration of theories and concepts of heating and air conditioning systems. Involves live work on automobiles. Pre-requisite Or Lab: 6.0 credits (180 - 270 contact hours).

Co-requisite: CRT 250.

Attributes: Technical

Components: LAB: Laboratory

CRT 291 (1 credit hours)

Special Projects I

Designed for students to satisfactorily complete collision repair tasks or to enhance their skills in the occupational area. Lab: 1.0 credit (45 contact hours).

Pre-requisite: Consent of Instructor.

Attributes: Technical

Components: LAB: Laboratory

CRT 293 (2 credit hours)

Special Projects II

Designed for students to satisfactorily complete collision repair tasks or to enhance their skills in the occupational area. Lab: 2.0 credits (90 contact hours).

Pre-requisite: Consent of Instructor.

Attributes: Technical

Components: LAB: Laboratory

CRT 295 (3 credit hours)

Special Projects III

Designed for students to satisfactorily complete collision repair tasks or to enhance their skills in the occupational area. Lab: 3.0 credits (135 contact hours).

Pre-requisite: Consent of Instructor.

Attributes: Technical

Components: LAB: Laboratory

CRT 298 (2 credit hours)

Advanced Practicum

Provides supervised on-the-job work experience related to the students' education objectives. (Students participating in the practicum do not receive compensation.) Independent Study: 2.0 credits (150 contact hours).

Pre-requisite: Consent of Instructor.

Attributes: Technical

Components: IND: Independent Study

CRT 299 (2 credit hours)

Advanced Cooperative Education

Provides supervised on-the-job work experience related to the students' educational objectives. (Students participating in the Co-op Education program receive compensation for their work.) Co-Op: 2.0 credits (150 contact hours).

Pre-requisite: Consent of Instructor.

Attributes: Technical

Components: COP: Co-op