

COLLISION REPAIR (TECHNICAL AND INDUSTRIAL DIVISION)

CRPTI-110 INTRODUCTION TO COLLISION REPAIR (6 cr.) This course is designed to provide students with a good understanding of the basic operations of a collision repair facility. A strong focus of this course is to develop good working habits in the areas of safety and pollution prevention within each student. They will also receive training in areas of tools and equipment, automobile designs, and repair preparations.

CRPTI-120 NON-STRUCTURAL REPAIRS I (6 cr.) This course is designed to provide students with the skills and knowledge necessary to repair body panels that have received minor damage in a collision. The students will learn to properly repair steel and plastic outer body panels. They will also receive training on using body fillers, adhesives and working with body trim and hardware.

CRPTI-140 NON-STRUCTURAL REPAIRS II (6 cr.) This course is designed to provide students with the skills and knowledge necessary to repair or replace body panels that have received major damage in a collision. They will also study how to replace and adjust moveable glass, and learn how to write a damage appraisal to estimate costs of repairing vehicles.

CRPTI-150 STRUCTURAL REPAIRS I (6 cr.) This course is designed to provide students with the skills and knowledge necessary to measure and analyze structural damage to Body over frame and Unitized frame type vehicles. They will also learn how to develop a repair plan based on their measuring diagnosis.

CRPTI-190 DIRECTED STUDY IN COLLISION REPAIR (1-6 cr.) Individualized instruction and self-study to meet specific training objectives. Projects provided to give specialized training for advanced students. Objectives established with advisor at registration. Credits earned based on difficulty and scheduled clock hours. Minimum two hours per week is required for each credit. Final grade based on effort, project results, and detailed written report of project.

CRPTI-196 COOPERATIVE EDUCATION IN COLLISION REPAIR (1-6 cr.) Individually prescribed instruction and self-study To meet specific training objectives. May be repeated.

CRPTI-210 STRUCTURAL REPAIRS II (6 cr.) This course is designed to provide students with the skills and knowledge necessary to weld advanced steels used on modern automobiles. Students must perform all welds to I-CAR standards. Students will also receive training working with stationary glass and will learn how to restore all factory applied corrosion protections to their pre-accident conditions.

CRPTI-220 MECHANICAL REPAIRS (6 cr.) This course is designed to provide students with the skills and knowledge necessary to perform basic mechanical repairs relating to collision damaged vehicles. The students will learn basic repair techniques for suspension and steering systems, cooling and air conditioning systems, passenger restraint systems and electrical repairs.

CRPTI-230 REFINISHING I (6 cr.) This course is designed to provide students with the skills and knowledge necessary to safely perform painting operations required in a collision

repair facility. At the completion of this course the students must be able to properly prepare a surface for refinishing and demonstrate proper paint application procedures.

CRPTI-240 REFINISHING II (6 cr.) This course is designed to provide students with the skills and knowledge necessary to deal with challenges related to color matching and paint defects. The students will also learn how to properly detail the interior and exterior of customer vehicles.

CRPTI-290 DIRECTED STUDY IN COLLISION REPAIR (1-6 cr.)

CRPTI-292 SPECIAL TOPICS IN COLLISION REPAIR (1-6 cr.)

CRPTI-296 COOPERATIVE EDUCATION IN COLLISION REPAIR (1-6 cr.)