



Crocus Plains Regional Secondary School



Course Outline

9033/COA40S

Program: Collision Repair Technology
Course Title: Damage Analysis and Structural Repairs

School Year and Semester: 2026-2027 Semester 1 & 2

Teacher: Mr. G. Oliver and Mr. C. DeCosse

Course Description:

In this course, students will increase their knowledge of and skills in analyzing damage, planning repairs, and measuring and straightening. They will repair and replace damaged panels and structural components, repair and replace glass components, and restore corrosion protection.

General Learning Outcomes:

After completion of this unit, students will be able to:

- Describe and apply appropriate health and safety practices in a modern collision repair shop
- Select use and manage tools required for use in vehicle damage analysis and repair
- Identify various equipment used in structural repairs and vehicle straitening
- Create vehicle repair estimates which include both repair times and material costs
- Demonstrate welding procedures
- Identify and describe both structural and non-structural vehicle components
- Demonstrate measuring and gauging to determine vehicle collision damage
- Demonstrate sheet metal body repairs
- Select, use and manage seam sealers, body fillers, adhesives and abrasives
- Demonstrate fundamental employability skills

Course Evaluation Structure:

- Theory Tests and Assignments: 35%
- Assigned Projects and Practical Tests: 60%
- Employability Skills: 5%

Statement of Standards – Students Completion of Course Evaluation Requirements

In accordance with the Brandon School Division Policy on student assessment, evaluation, and reporting, each course outline will contain clearly stated evaluation requirements.

In the implementation of these requirements, the following standard for the completion of assignments by students apply:

- *A zero grade is given to* unit assignments that are not submitted by the completion of the related unit's summative evaluation.
- Any extension for a student to the above standard will only be considered by the administration when requested by the teacher.