

MODULE MEC2010: VEHICLE DETAILING**Level:** Intermediate**Theme:** Vehicle Design and Ownership**Prerequisite:** None**Module Description:** Students develop the skills required to restore and enhance the exterior finishes of a vehicle.**Module Parameters:** Access to commercially available products and related resources.**Curriculum and Assessment Standards**

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> state personal and environmental hazards associated with the use of cleaning and waxing agents 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> presentation of a report describing: <ul style="list-style-type: none"> hazards associated with use of cleaning and waxing products environmental concerns in the use of cleaning agents products that are less hazardous. <p><i>Assessment Tool</i> <i>Task Assessment Checklist: Vehicle Detailing, Part 1, MEC2010-1</i></p> <p><i>Standard</i> <i>Performance rating of 2 on each criteria</i></p>	15
<ul style="list-style-type: none"> identify and describe materials available to enhance the appearance of a vehicle 	<ul style="list-style-type: none"> identification of materials and products used in detailing a vehicle such as: <ul style="list-style-type: none"> surface-enhancing material trim additions. <p><i>Assessment Tool</i> <i>Task Assessment Checklist: Vehicle Detailing, Part 2, MEC2010-1</i></p> <p><i>Standard</i> <i>Performance rating of 2 on each criteria</i></p>	15
<ul style="list-style-type: none"> demonstrate correct cleaning and treatment of engine parts and exterior finishes including paint, glass, vinyl and rubber surfaces 	<ul style="list-style-type: none"> observed performance related to cleaning and enhancing painted, glazed, vinyl and rubber surfaces including engine compartment and exterior components. <p><i>Assessment Tool</i> <i>Task Assessment Checklist: Vehicle Detailing, Part 3, MEC2010-1</i></p> <p><i>Standard</i> <i>Performance rating of 2 on each criteria</i></p>	20

MODULE MEC2010: VEHICLE DETAILING (continued)

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> install a trim or accessory part according to standard practice demonstrate basic competencies. 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> observed performance associated with trim installation including: <ul style="list-style-type: none"> use of instructional resources use of tools and materials identification of parts. <p><i>Standard</i> <i>Performance rating of 2 on each criteria</i></p> <p><i>Assessment Tool</i> <i>Task Assessment Checklist: Vehicle Detailing, Part 4, MEC2010-1</i></p> <ul style="list-style-type: none"> observations of individual effort and interpersonal exploration during the learning process. <p><i>Assessment Tools</i> <i>Basic Competencies Reference Guide and any assessment tools noted above</i></p>	<p>50</p> <p>Integrated throughout</p>

Concept	Specific Learner Expectations	Notes
Health/Safety Hazards	<p><i>The student should:</i></p> <ul style="list-style-type: none"> demonstrate knowledge of and follow safety rules and procedures in the handling of dangerous cleaning agents demonstrate safe handling and application of volatile cleaners used for engine cleaning demonstrate knowledge of and follow procedures outlined to prevent damage to electrical or other parts when engine cleaning identify hazards that are present, including acid powder. 	<p>Be aware of WHMIS regulations.</p> <p>Use environmentally friendly products.</p>
Identify/Analyze	<ul style="list-style-type: none"> identify and demonstrate the correct procedures when using cleaning and polishing/treatment agents on various surfaces identify surface flaws and solutions that could be used other than spray painting explain the value of using waxes to treat painted surfaces (including longevity and monetary implications) 	<p>Relate to paintless dent repair.</p>

MODULE MEC2010: VEHICLE DETAILING (continued)

Concept	Specific Learner Expectations	Notes
Identify/Analyze (continued)	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • identify common types of trim fasteners and tools • list the precautions needed to prevent damage to trim or adjacent surfaces when removing and replacing trim parts • explain the value and methods used to enhance the appearance of a vehicle without painting. 	Recommend that silicone-free products be used.
Inspect/Repair	<ul style="list-style-type: none"> • show knowledge of and demonstrate the procedures and tools used to remove and replace trim parts • demonstrate the application of decals, pin striping and/or molding as a method of enhancing vehicle appearance and value • demonstrate the ability to follow installation instructions by completing an accessory installation project • use materials available to complete an engine clean and, if possible, apply enhancing materials such as paints or coatings • describe the value of maintaining a clean and neat engine compartment. 	Discuss the use of decals, pin striping and moldings to improve the value of a vehicle.
Careers	<ul style="list-style-type: none"> • identify further education, working conditions and career opportunities related to vehicle detailing. 	