Curriculum Map for: LAND TRANSPORTATION / AUTOMOTIVES
Prepared October 11, 2005 by

Prerequisites: New York State drivers license or permit

Scope: This class intended to be a survey course focused on automotive issues.

Assessment:

Assessment comes in a variety of forms and wherever possible should be used to reflect and enhance the teaching and learning process that occurs in a classroom. Assessment should not be seen as a separate activity, but as an integral part of the teaching and learning process. Alternative assessments apply to any and all assessments that differ from multiple choice, timed, one-shot approaches that characterize most standardized and classroom assessment. Authentic assessments are assessments that engage students in applying knowledge and skills in the same way they are used in the real-world. Performance assessment is a broad term, encompassing many of the characteristics of both authentic and alternative assessments.

As this course of study demonstrates, it is clear that no single type of assessment could provide an accurate measurement of the learning experience. Students should have the best opportunity to demonstrate their understanding of the learning experience. Therefore, it is suggested that a variety of data gathering methods be used such as objective tests, observations, products, written reports, performances and a collection of student works.

The **TIME** column offers a suggested time-line so that all topics listed in the **CONTENT/SKILLS** column are feasibly met. It is understood that times will need adjustments as the course develops. The **APPLICATION/PROJECT IDEAS** column offers suggestions and sources for the teacher. This column should be updated periodically to keep current and as new ideas are generated. The **KEY IDEA/PERFORMANCE INDICATOR** column coordinates topics with the NYS standards.

TIME	CONTENT/SKILLS	APPLICATIONS/PROJECT IDEAS	KEY IDEA/PERFORM INDICATOR
			MST STANDARD 3,5,7
2 days	Safety	Text and demo	
2days	Tool nomenclature and use	Text and demo hand, power, and pneumatic tools	
10 days	Automotive systems :		
	Chassis Brake Power train Cooling Exhaust Fuel Suspension Electrical/charging Safety restraint	Text and demo	
2days	Diagnostic Scanning	demo	
2days	DOT law	Internet research	
2days	Insurance issues	Internet research	
15 weeks	Automotive projects	Variety of hands on technical projects based on need and availability, including (but not limited to) : oil changes, brake service, tuning, shock/strut repair, and diagnostic scanning	