Course Outline Automotive Electrical 120

Students will learn basic electrical terms and definitions.

Students will learn basic electrical theory of Ohm’s Law.

Students will learn and build basic electrical circuits: Series, Parallel and Series- Parallel.

Students will build an electric powered vehicle as a final project.

Daily material required are a notebook, pencil or pen, safety boots and safety glasses.

Students will be graded as follows:

Presence and preparedness - 25%

Written learning - 25%

Hands-on learning - 25%

Final Project - 25%

**Absenteeism and marks**

A legitimate absence is for school related activities, illness or bereavement.

**Group marks**

Group marks will be earned based on your days present and working with your team.  For example, if a project takes ten class days to complete and the group receives a mark of 80%; but you were only there for 5 days you would receive a 40%.  Even if you have a legitimate reason for being absent the expectation is that you will make up for the time you missed by contributing to the group from home or working during study block when you are able.  Alternatively, if you know you are going to be absent you may choose to work alone if the teacher gives you that option.

**In-class project marks/eco-points/shop/co-op marks**

You will be marked based on the number of days that you are present and participating in class.  If, for example, you earn a shop mark of 70% and you were there 90% of the time your mark would be 63%.

**Labs**

If you are absent, during a science lab without a legitimate written excuse, you will receive a mark of zero and the teacher will not make up the lab for you.  If you have a legitimate excuse and it is within his/her ability to do, the teacher may allow you to make up the lab.

**Late assignment policy:**

* To get full marks, assignments need to be handed in by the assigned due date.
* For every date late, after the assignment due date, 10% will be deducted from the mark (up to a maximum of 40%).  Weekends count as one day.
* If a student is absent on a due date, a written legitimate excuse from a parent or guardian must be presented upon the student’s return, or the late-day deductions will apply.
* A student’s mark cannot be lower than 60% given that the student deserves a passing grade on the assignment to begin with.  Any work getting a mark of less than 60% will receive that grade.
* In order to be graded, all work must be handed in **no later than one week** after the given due date of the assignment.  Term marks are final.