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| **Motor Vehicle – Level 1 and 2 preparation work for my course** |

**What skills should I familiarise myself with or should I research into over the summer and in preparation for my new course?**

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| * Watch documentaries on the television based on cars. For example; Car SOS, Fast and Loud.
* Use websites such as You tube (Eric the car guy) (Donut Media).
* Try and fix things around the house, anything to get you better at working with your hands. You could for example have a go at repairing a push bike.
* Research basic health and safety in the workplace
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**Complete the following tasks:**

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| **Introduction**It is important to understand that the automotive industry is fast paced and constantly changing. The automotive industry has a massive impact on the environment and there are regulations in place relating to this.Research automotive regulations, euro standards and how vehicle design has changed to comply with these. Have a look at [www.rac.co.uk](http://www.rac.co.uk) or [www.autoexpress.co.uk](http://www.autoexpress.co.uk) During the motor vehicle course, you will gain an in-depth understanding of health and safety in the automotive environment.Research the health and safety at work ack, COSHH and RIDDORHave a look at [www.hse.gov.uk](http://www.hse.gov.uk) You will also be learning about automotive systems. Have a look at [www.howcarswork.com](http://www.howcarswork.com) **Poster task****Produce a poster relating to any health and safety act that may be used in the workplace. The poster should be easy to read and straight to the point.****jonathan.harman@gloscol.ac.uk** **or** **darren.jones@gloscol.ac.uk****IMI membership** Please apply for an IMI student membership, this is free and easy to do. By doing this you will gain access to helpful videos and articles [**www.student.theimi.org.uk**](http://www.student.theimi.org.uk) |

**What websites will help me?**

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| You TubeRAC HowcarsworkHse.gov |

**WHAT WILL I STUDY IN MY FIRST YEAR**

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| * Health and safety
* Tools and equipment
* The automotive environment
* Engines
* Wheels and tyres
* Exhaust systems
* Suspension
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**TOPICS INCLUDE**

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| * **Locating interpreting and using technical information**
* **Applying engineering techniques in an automotive environment**
* **Introduction to low carbon technologies**
* **Knowledge relating to automotive foundation skills**
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