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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 |

**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 RIDDOR  Have 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**](mailto:jonathan.harman@gloscol.ac.uk) **or** [**darren.jones@gloscol.ac.uk**](mailto: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 Tube  RAC  Howcarswork  Hse.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 |

**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** |