



PRE-ENROLMENT LEARNING PACK

Macclesfield
College

Dear Student,

In preparation for your journey with us at Macclesfield College. The Automotive and Construction team have devised a selection of pre-enrolment tasks for you to complete for your course area. The tasks are important in gaining a preliminary understanding into your selected industry and will benefit you starting the course with us in September.

Bricklaying

What is brickwork?

Brickwork is masonry produced by a bricklayer, using bricks and mortar. Typically, rows of bricks called courses are laid on top of one another to build up a structure such as a brick wall.

This course will develop your skills and knowledge required for Bricklaying.

College Ready Tasks.

Task 1 - Health and Safety is extremely important within the construction industry, please research the different regulations that ensure construction safety and the different types of personal protective equipment used on a construction site.

Task 2 - Research a range of job roles within the Brickwork field as well as the other types of employment opportunities linked to the Construction industry, researching also their pay.

Helpful websites:

www.hse.gov.uk/guidance/index.htm

www.youtube.com

www.screwfix.com

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Construction

What is Construction & The Built Environment?

Construction is the creation of the built environment. It is everything around us that is human-made such as **houses, roads, sports stadiums and airports**.

This course will develop your skills and knowledge required for construction and the built environment which can lead you on to careers such as Quantity Surveyor, Architect, Project Manager and many more.

College Ready Tasks.

Task 1 - Health and Safety is extremely important within the construction industry, please research the different regulations that ensure construction safety and the different types of personal protective equipment used on a construction site.

Task 2 - Research a range of job roles within the construction industry as well as the other types of employment opportunities linked to the Construction industry, researching also their pay.

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Electrical Installation

What is Electrical Installation?

Electrical installation is installing of whole new electrical wires and electrical outlets in the residential, commercial or any institutional buildings. According to building types different type of Electrical installation is done. For example if it is a residential building then wiring is done with the wires which is meant for residential buildings and the electrical outlets are putted according to the home appliances such as tv, fridge, washing machine. But in commercial and residential buildings heavy amount of electricity is used, so their wiring is done with the wire which can resist heavy flow of electricity. And the outlets with high ampier is putted.

College Ready Tasks.

Task 1 - Health and Safety is extremely important within the construction industry, please research the different regulations that ensure construction safety and the different types of personal protective equipment used on a construction site.

Task 2 - Research a range of job roles within the Electrical Installation field of work as well as the other types of employment opportunities linked to the electrotechnical industry, researching also their pay.

Helpful websites:

www.hse.gov.uk/guidance/index.htm

www.swindon-massive.co.uk

www.youtube.com

www.screwfix.com

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Carpentry & Joinery

What is Carpentry & Joinery?

Carpentry and joinery are both **construction trades**. In its most simplest and traditional sense, joiners 'join' wood in a workshop, whereas carpenters construct the building elements on-site.

This course will develop your skills and knowledge required for Bricklaying.

College Ready Tasks.

Task 1 - Health and Safety is extremely important within the construction industry, please research the different regulations that ensure construction safety and the different types of personal protective equipment used on a construction site.

Task 2 - Research a range of job roles within the Carpentry & Joinery field as well as the other types of employment opportunities linked to the Construction industry, researching also their pay.

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www.youtube.com

www.screwfix.com

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Motor Vehicle

What is Motor Vehicle?

A motor vehicle, also known as motorized vehicle or automotive vehicle, is a self-propelled vehicle, commonly wheeled, that does not operate on rails (such as trains or trams or 4-wheelers) and is used for the transportation of people or cargo.

This course will develop your skills and knowledge required for the Motor Vehicle trade and working on motor vehicles.

College Ready Tasks.

Task 1 - Health and Safety is extremely important within the Motor Trade Industry, please research the different regulations that ensure motor vehicle safety and the different types of personal protective equipment used when working in a garage.

Task 2 - Research a range of job roles within the Motor Vehicle trade as well as the other types of employment opportunities linked to the Motor Trade Industry, researching also their pay.

Helpful websites:

www.hse.gov.uk/guidance/index.htm

www.youtube.com

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Multi Trades

What is Multi Trades?

Construction is a huge industry and there are a great deal of different trades. Completing the Multi Trades gives you an insight to different trades such as Carpentry & Joinery, Brickwork and Plastering.

This course will develop your skills and knowledge required for the construction industry and the different career paths it can take you.

College Ready Tasks.

Task 1 - Health and Safety is extremely important within the construction industry, please research different types of personal protective equipment used on a construction site.

Task 2 - Research a range of job roles within the construction industry as well as the other types of employment opportunities linked to the Construction industry, researching also their pay.

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