

# ARE YOU COLLEGE READY?

## What is Electrical Installation?

Electrical Installation is an integral part of the construction industry. Electrical Installation Engineers, commonly known as 'Electricians' or 'Sparkies' are responsible for installing and maintaining the electrical and power systems to domestic homes, commercial and business premises. This involves installing a variety of accessories and equipment, then wiring them up to an electrical supply, testing the circuit to make sure it is safe and then maintaining it. There are also many associated jobs and pathways that can be followed into electrical installation, maintenance and service sectors.



## College Ready Tasks:



### TASK 1

Research a range of job roles within the Electrical Installation field of work as well as multi-discipline employment opportunities linked to the electrotechnical industry.



### TASK 2

Research the process with how an electrical supply starts off at a substation and how it then arrives at your home.



### TASK 3

Health and Safety is extremely important, so please research the different regulations that ensure construction operative safety and the different types of personal protective equipment on site.



Use these websites to help you with the tasks below and develop your understanding of the sector:

[www.swindon-massive.co.uk/electrical/revision/2360pt1/2365\\_index\\_page.htm](http://www.swindon-massive.co.uk/electrical/revision/2360pt1/2365_index_page.htm)

[www.youtube.com](http://www.youtube.com)

[www.hse.gov.uk/guidance/index.htm](http://www.hse.gov.uk/guidance/index.htm)

[www.wikipedia.org](http://www.wikipedia.org)

[www.screwfix.com](http://www.screwfix.com)

Good luck with your tasks, enjoy your Summer and I look forward to welcoming you to Stockport College in September. If you have any questions please contact me on [john.ellis@tcg.ac.uk](mailto:john.ellis@tcg.ac.uk).

**John Ellis, Head of Studies.**