

# USING MATHS IN...

## MOTOR VEHICLE ENGINEERING



### WHAT YOU'LL NEED TO KNOW...

- You'll need to be able to understand binary and hexadecimal coding is essential to code any electronic control unit ECU.
- F1 teams have to have excellent skills to look at data being fed back to the pit mechanic. Oil temperature, G force, engine Rpm and live data.
- So you can control budgets, profit and loss and completing tax returns.
- Mobile smart repair being able to mix paint and filler to the correct ratios.
- To understand torque readings and interpreting technical data.
- So you're able to build your own wiring loom using ohms and watts law to calculate wire thickness and fuse rating.

Without these skills you could be limiting your opportunity to progress in your career.

Vehicle technicians, mechanics and electricians can earn salaries of approximately **£26,100** a year.

\*these figures are a national guide only

So don't miss out on your GCSE and functional skills maths classes identified on your timetable.

# USING ENGLISH IN...



## MOTOR VEHICLE ENGINEERING



### WHAT YOU'LL NEED TO KNOW...

- To have general good customer communications.
- To be able to read and interpret technical data.
- To effectively complete a report that is discussed with the customer.
- So you can create and update workshop training records.
- To be able to update the fault finding reports and job cards as well as electronic portfolio.

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