

Science for Engineering and Principles of Mechanical Engineering: GCSE → Level 3 transition

Moving from GCSE Science to Level 3 technical qualifications can be a daunting. You are dealing with a different way of being assessed, both in course work and external assessments. You'll also be expected apply skills and knowledge that you have gained across different specialisms and disciplines.

These are some video clips that will refresh some fundamental concepts that you will need refer back to time and time again throughout the course. By the end of the course they should be second nature to you.

1) "SI Units and Derived Units - GCSE Physics" by Physics Online

YouTube link: <https://www.youtube.com/watch?v=7i7OIEJ-n5c>

2) "What are SI units ?" by WinElements

YouTube link: <https://www.youtube.com/watch?v=LZMMH-GFO-k>

3) "LATHE ACCURACY - MODEL ENGINEERING FOR BEGINNERS #2" by Keith Appleton

YouTube link: <https://www.youtube.com/watch?v=G4sRaYnnHm8>

4) "What's the difference between accuracy and precision? - Matt Anticole" by TED-Ed

YouTube link: <https://www.youtube.com/watch?v=hRAFPdDppzs>

5) "GorillaPhysics - Grade 9 and A* Physics" YouTube channel.

YouTube link: <https://www.youtube.com/channel/UCDWYbhR94ZYFUXd4NJvAHYQ>