

## Getting Ready to Study Forensic and Criminal Investigation at College

The 'Getting Ready' list below gives you resources and activities you can use to get ready for when your course starts at Colchester Institute in September. We have picked mostly resources and activities you can access on-line and we have some suggestions too of other resources in the 'Going Further' section.

### Getting ready to study Forensic and Criminal Investigation at Colchester Institute

To be a successful Forensic Scientist, you really need to have a good underpinning knowledge of Biology, Chemistry and Physics!

In Biology, it is really important to know all about cell biology and how we can use a microscope to observe the organelles in a cell. Have a go at these [cell exploration activities](#), all about animal and plant cells! Also, have a watch of this video, all about the [inner life of a cell](#).

Chemistry plays an important and central role to all of our lives. As an introduction to Chemistry at why not watch [The Magic of Chemistry Video](#) and visit this [interactive periodic table](#)! Also you can try this at home, [ice cream in a bag in five minutes](#) - an ideal activity when the weather is hot!

In Physics, it is important to know about the electromagnetic spectrum and waves so we can learn how to use them in communication. Have a look at this [website](#) – there are links to lots of the topics that you will be studying in September, including videos. As revision, have a go at the questions on this [website](#) and then check your answers by 'reveal answer'.

And finally, if you want to be able to undertake some of your own forensic science experiments whilst at home, take a look at this [guide](#)!

### Going further to study Forensic and Criminal Investigation at Colchester Institute

Anatomy (structure) and physiology (function) is another common area of study, to help prepare you for this topic you need to understand the structure and function of the human body. Have a look at this [website](#), pick two body systems and have a go at the quizzes!

You could also try some [chemistry-based quizzes](#)!

To prepare for the academic requirements of the courses, review and read about academic referencing, the style that we use is [Harvard Referencing](#).

For some fun practical based activities that are related to topics that we study in second year ([human decomposition and mummification](#) and [forensic archaeology](#)), have a look at the links and have a go at them!

You can find information for new students at:

<https://www.colchester.ac.uk/further-education/applying-full-time-courses/>