

The University of New South Wales  
School of Electrical Engineering & Telecommunications

## **Introduction to Safety in Electrical Engineering**

### INSTRUCTIONS

Simple: *You need to complete the quiz.*

Attempt the quiz whenever you wish but you must answer all questions correctly before you are deemed “safe.” There is no margin for error when knowledge about safety is concerned. You can attempt the quiz as many times as you need to, but there is a 1 hour delay set between attempts at the quiz. Of course, you can use that time to read the manual or watch the video to learn where you went wrong.

You will be asked 10 questions: 5 will be general safety related questions and 5 specifically about electrical safety. Note that you may get slightly different questions in successive attempts.

To help you with the quiz, we have provided some materials:

- (i) a manual providing the necessary information and
- (ii) a recorded lecture explaining the necessary information.

Being engineering students, many of you will be curious to learn more than the barest minimum demanded for safe practice in the electronics laboratories so, in these resources, we have included detailed information about the safety and electricity. Further resources are also available, both about other hazards within the School and other introductory information. But this is only a beginning. As an engineer, you can choose the study of electrical safety as a full-time professional career!

Once you have answered the quiz correctly, your success will be recorded here, as the School’s database. Furthermore, you can then print your *Certificate of Completion* which is your ‘licence’ to work in the electronics laboratories. You need to have that licence whenever you are in the electronics laboratories. (Just like you need to have your driving licence when driving; it is the evidence that you can drive safely.) Our advice is that you glue your certificate in the front of your lab-book! If you need to, you can print further copies of this certificate, e.g. when you get a new lab-book.