

COURSE OVERVIEW

INTRODUCTION TO ELECTRICAL ENGINEERING

Here is a quick overview of your course plus useful information about navigating the online platform.

Your semester starts once you have completed your onboarding.



***Tomorrow belongs to people
who prepare for it today.*** -AFRICAN PROVERB



PROGRAMME OVERVIEW

Starting electrical engineering may feel challenging, but this course guides you step by step. Over three months, you will build a solid foundation in electricity and circuits, while learning key concepts like current, voltage, and resistance. By the end, you will understand basic electrical systems, apply your knowledge in real situations, and work safely with simple tools. The course prepares you for further study and entry-level technical roles.

WHAT YOU WILL LEARN

Your course contains 9 substantive modules/units. See an overview below:

- Define electrical engineering
- Explain core electrical concepts
- Demonstrate safe practices
- Identify common electrical components
- Interpret and construct basic circuit diagrams
- Demonstrate understanding of electrical measurements
- Explain how electrical power is generated, transmitted, and distributed
- Explain how to construct simple circuits, test operation, and troubleshoot basic issues
- Analyse and apply electrical concepts

ASSESSMENT INFO

Students must complete and submit various formative and summative assessments for each module. Refer to the Programme Guide on the Virtual Campus for information on assessments in this programme. The formative assessments contributes 40% to the final course mark, while the summative assessment contributes 60%. So the final pass mark for your course is 50%.

EXPERTISE YOU CAN TRUST

- | 20 YEARS OF INNOVATIVE LEARNING
- | OVER 50,000 SUCCESSFUL STUDENTS
- | CURRICULA DEVELOPED BY LEADING ACADEMICS AND INDUSTRY EXPERTS
- | QUALITY ASSURED QUALIFICATIONS

- 3 months
- ± 8h Study time per week per module
- Fully online | Mobile friendly
- Earn an industry-ready certificate

HOW TO STUDY ONLINE

You will study entirely online, using our iQ Virtual Campus as follows:

- Log into your profile.
- Complete the Onboarding (including New Rules).

Your course starts once you have completed your Student Onboarding on the Virtual Campus, where you will gain access to the Programme rules and your Programme Guide.

Content for each module will be made available based on a structured learning path to guide you through the learning process over a fixed period. For your convenience, the study guide units for each module are available separately in the respective unit sections on the learning platform (in digital format).

You can download this for offline use.

ACADEMIC SUPPORT

We understand that studying online can sometimes be isolating and challenging, so we have worked hard to ensure your course is interactive and you are supported to ensure academic success. If you need to contact your course coordinator or require admin or account-related support, complete a form for assistance, [click here](#).

