



UNIVERSITY
OF
JOHANNESBURG

SCHOOL OF CONSUMER
INTELLIGENCE AND
INFORMATION SYSTEMS

SHORT LEARNING PROGRAMME (SLP)

Internet of Things and Consumer Applications

The Future
Reimagined

INTERNET OF THINGS AND CONSUMER APPLICATIONS

PREAMBLE

The School of Consumer Intelligence and Information Systems is pleased to offer a short learning programme (SLP) in 'Internet of Things and Consumer Applications'. This SLP is part of a series of short learning programmes offered by the University of Johannesburg. With developments in the Fourth Industrial Revolution (4IR), digital know-how is demanded of every professional, irrespective of their disciplinary background. The University of Johannesburg is playing a leading role in re-skilling and up-skilling professionals for the Fourth Industrial Revolution.

PURPOSE

The purpose of this short learning programme is to introduce students to Internet of Things (IoT) and to equip them with skills and competencies to design IoT consumer applications that help address business, economic and societal challenges.

Upon completion of this short learning programme, students will be able to design and build basic IoT consumer applications.

ENTRY REQUIREMENTS

This short learning programme is at South African National Qualification Framework (NQF) level 7. Applicants need to have at least a Diploma/equivalent qualification at NQF level 6 or a NSC with 3 years' relevant work experience in digital consumer applications.

TIMELINES

This programme is offered online over 3.5 months (14 weeks period). Students will be required to undertake independent readings and complete online activities and assessments. Live facilitated online sessions may also be scheduled to assist students to grasp the learning content.

HOW TO APPLY

All applications are done online. [Click here](#) to apply, or visit the UJ homepage www.uj.ac.za and click on the **Study@UJ** to apply for this programme.

The closing dates for application for **January – May** intake is **28 November** while for **July – November** intake is **28 June**.

REGISTRATION

For assistance with registration, please contact:

Ms Fareea Dangor: fdangor@uj.ac.za or

Ms Nontokozi Mokoena: nmokoena@uj.ac.za

PROGRAMME OVERVIEW

This programme is offered through technology-assisted learning, including use of the online learning platform BlackBoard.

- IoT - What is it and what are its value to business
- Components of IoT ecosystem
- IoT platforms
- Designing and building IoT consumer products
- Security, privacy and trust issues for IoT
- Key considerations when introducing IoT in business

ASSESSMENT

Assessments in this programme consist of online assignments and practical work, including a group project. Upon successful completion of the programme, participants will receive a certificate of competence from the University of Johannesburg.

ENQUIRIES

For further information and queries relating to this programme, you may contact:

Mr Sithembiso Khumalo

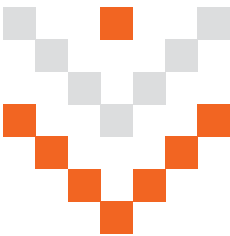
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