



Digital Technology Fundamentals

Executive Education



Do you want to gain a fast but rich overview of the major digital technologies as they apply to business, from the Internet of Things (IoT) to Artificial Intelligence (AI), big data, virtual and augmented reality, additive manufacturing, cyber security, and many more?

The Fourth Industrial Revolution will change everything for you and your business. This five day immersion is a high-level introduction to the major digital technologies as they impact the world of business, giving you the perfect start to your digitalisation journey.

Wits Business School Executive Education presents a short course:

Digital Technology Fundamentals



Who is it for?

Anyone who wants to gain an understanding of the application of digital technology within business.



How will you benefit?

This course will give you a broad understanding of the digital technology landscape, enabling you to kick-start your digital transformation journey.



How will your organisation benefit?

Your organisation will be able to begin the journey of adapting to new age of digitalisation.



Course structure (duration)

Five days, full-time.

“ Digital transformation has become an absolute imperative for organisations in South Africa. As the 4th Industrial Revolution intensifies, understanding digital environments, technologies, strategies and business models will dictate the difference between winners and losers. This programme, delivered by leading industry experts and thought leaders, will equip you with critical digital business and management skills that will substantially accelerate your ability to compete in the 21st century. ”

- Professor Gregory Lee

Programme Director: Digital Technology Fundamentals



Logistical Details

**Venue:**

Johannesburg:
Wits Business School,
2 St David's Place,
Parktown

Durban:

TBC

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[www.digitalbusiness.co.za/
executive-education](http://www.digitalbusiness.co.za/executive-education)



www.wbs.ac.za/executive-education

Experiential education opportunities such as the ones we deliver at WBS develop the skills, qualities and attributes required to lead organisations, grow and transform businesses and realise strategic objectives.

We have incorporated the best generative thinking methodologies from around the world into our programmes, providing an immersive education experience that teaches individuals to create, capture and deliver value now and into the future.



What will you learn?

You will learn to:

- Apply IoT solutions to organisational problems
- Implement broad technological solutions for different aspects of big data
- Apply AI to organisational requirements
- Create robotics-driven prospects for the future
- Assess cybersecurity threats
- Describe blockchain, and evaluate the major skills and other requirements required for an organisation to employ blockchain technologies
- Analyse uses of virtual reality and augmented reality in business
- Compare and contrast additive manufacturing (3D printing) with alternative, traditional manufacturing methods
- Analyse the drivers of convergence in networking and mobility and analyse the effects of this convergence on organisational strategy
- Enunciate the links and inter-connections between various technologies



Course content

- Converged networking and mobility
- The Internet of Things (IoT)
- Artificial Intelligence (AI)
- Big data
- Robotics
- Virtual and augmented reality
- Additive manufacturing (3D printing)
- Block chain
- Cyber security



What do I obtain after the course?

- The course confers a formal University of Witwatersrand short course certificate of competence which is widely recognised in industry as a leading indicator of exceptional skills acquisition and development.

Disclaimer - Accreditation: This short course is accredited by the university in accordance with its statutory mandate. It does not lead to a qualification registered on the National Qualifications Framework (NQF).