



Digital in Energy, Oil and Gas Programme

Virtual instructor led programme

ACCREDITED LEVEL 8

PURPOSE OF THE PROGRAMME

The demand for global leaders in the Energy, Oil and Gas industry to lead an environment of increased transformation; meet the challenges of not only containing costs, but also in leading the current volatility in the Energy, Oil and Gas sector. With global lock downs, the downturn in the oil price and the continuous pressure to

drive efficiency, the need for innovation and creativity at a strategic level is required. Leaders within the Energy, Oil and Gas sector require vigilance, agility and resilience to keep moving forward. Digitisation will be key in finding new opportunities and mitigating uncertainties and foreseeable trends.



Duke CE is #1 in Africa in the *Financial Times* Custom Executive Education rankings and in the top four globally for two decades.

DIGITAL IN ENERGY, OIL AND GAS PROGRAMME

DIGITAL IN ENERGY, OIL AND GAS

Post Graduate Diploma in Enterprise Management

NQF 8

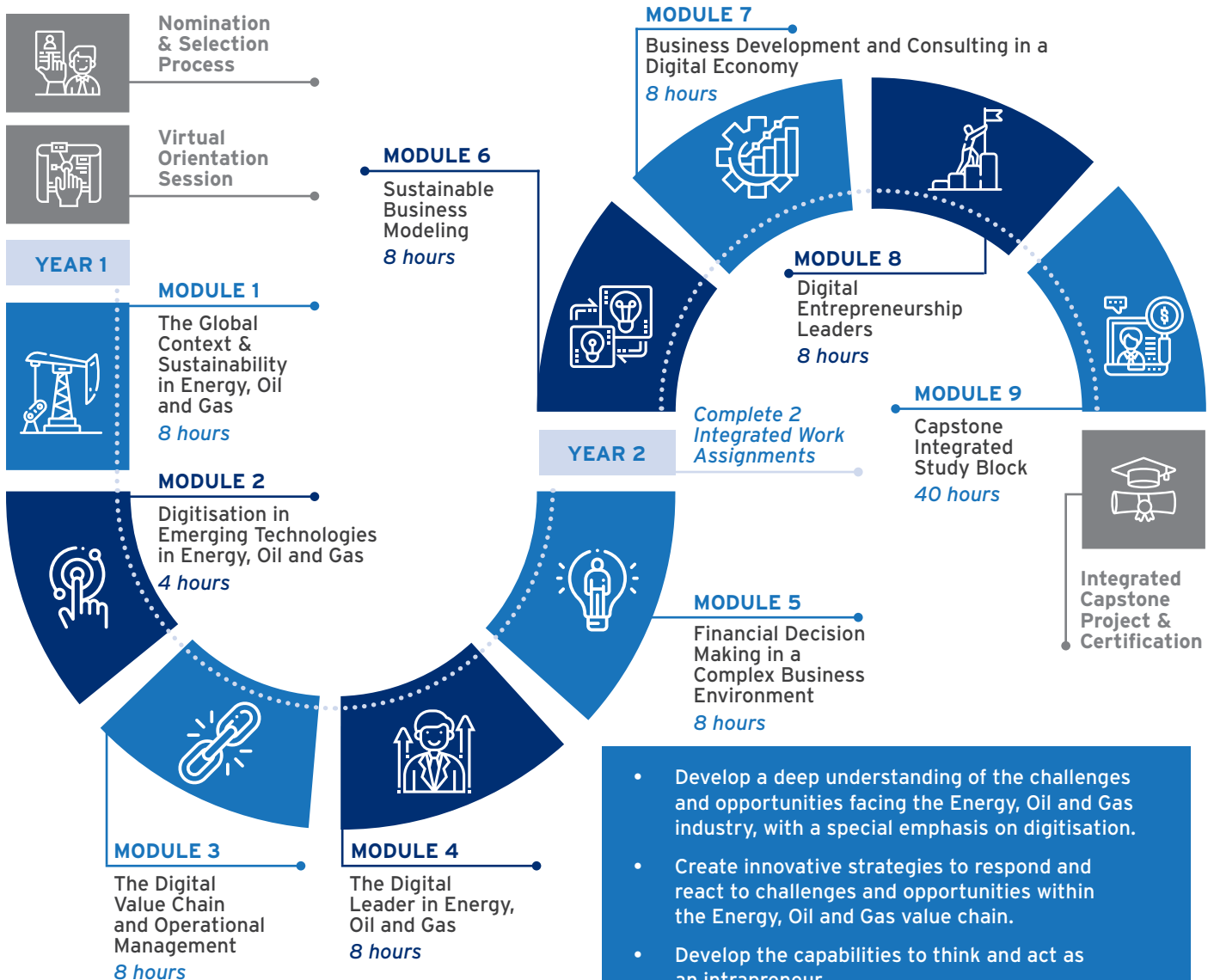
Virtual Classroom

24 Months

This programme is aimed at Middle Managers, Senior Managers, Project Managers and Oil, Gas and Energy Professionals.

APPLICATION REQUIREMENTS

Candidates should have a degree or diploma at NQF Level 7, be employed (or run their own business), and a minimum of 2 years working experience in the industry. In the event that the candidate does not have does not have the requisite NQF7 qualification, then Recognition of Prior Learning (RPL) policies will apply.



PROGRAMME LEARNING OUTCOMES

This programme will allow delegates to develop in-depth, discipline specific skills and applied competence in the Energy, Oil and Gas sector. It will empower learners to solve problems in a focused way and to effectively manage and allocate resources, to communicate effectively and to contribute to knowledge and socio-economic transformation in a responsible, ethical and innovative manner, focusing on the following outcomes:

- Develop a deep understanding of the challenges and opportunities facing the Energy, Oil and Gas industry, with a special emphasis on digitisation.
- Create innovative strategies to respond and react to challenges and opportunities within the Energy, Oil and Gas value chain.
- Develop the capabilities to think and act as an intrapreneur.
- Building the skillset, toolset and mindset to think laterally and innovatively leading complex operations management problems.
- Initiating improvements to enhance competitive advantage.
- Lead high performing teams to meet the requirements and demands of the digital work environment
- Make sound financial decisions

Launch late 2020

The programme is priced at **R85,000 per learner**

MODULE LEARNING OUTCOMES

MODULE 1: The Global Context & Sustainability in Energy, Oil and Gas

Develop a deep understanding of the challenges and opportunities facing the Energy, Oil and Gas industry, with a special emphasis on digitisation and the key contributors to sustainability. In this fast-changing complex global world of lower oil prices, renewable energies and dealing with the pandemic, explore innovative strategies to solve problems for a "new normal".

MODULE 2: Digitisation in Emerging Technologies in Energy, Oil and Gas

Deep-dive into emerging technologies and the impact of digital on the business world. Learn from different industries and stretch your mind around new possibilities. Build a toolkit to lead digital strategies within your organisation.

MODULE 3: The Digital Value Chain and Operational Management

Operations Management and Value Chain efficiencies is the cornerstone of the Energy, Oil and Gas Industry. Build your capacity to understand the key drivers and leverage points available to senior managers to impact change and innovation, with a key focus on the role of digitisation. Develop digital risk scenarios and how this affects operating models.

MODULE 4: The Digital Leader in Energy, Oil and Gas

Lead and motivate high performing teams to meet the requirements and demands of the digital work environment. Understand the role of humans vs machine in the new world of work.

MODULE 5: Making Financial Decisions in a Complex Business environment

Understand the levers to drive sound financial decision-making practices and grow your business.

MODULE 6: Sustainable Business Modeling

Build business models that focuses on value creation by developing an in-depth understanding of the business and value chain.

MODULE 7: Business Development and Consulting in a Digital Economy

Contribute to value creation in your business by developing core consulting skills and maximise impact through communication.

MODULE 8: Digital Entrepreneurship Leaders

Develop the capabilities to think and act as an intrapreneur and initiate improvements to enhance competitive advantage within your own business unit. Develop strategies to overcome barriers to new ideas and shift mindsets.

MODULE 9: Capstone Integrated Study Block

A Capstone Integrated Study Block will be held in Makana and will immerse students in the rich industrial, natural and cultural heritage of the area. Under the directorship of Duke CE and Rhodes faculty, participants will explore and learn from the growing Port of Nqura, the Big 7 and Aviation.

CERTIFICATION

Participants will receive a Certificate on completion of the first year at NQF level 8 consisting of 480 notional hours and 48 credits towards the PGDip. During the second year participants will receive a Certificate at NQF level 8 consisting of 720 notional hours and 36 credits towards the PGDip. Participants will during the second year be registered for the PGDip at Rhodes University.

ASSESSMENT METHODS

Participants will be required to complete two integrated assignments. The assignments will integrate the learnings across a few modules and will test application within the workplace. Other assessment methods will be used during the learning process to evaluate competence, such as multi choice tests, self and peer assessments, etc.

Virtual Learning provides participants the opportunity of:



Building Digital Leaders that will drive and execute new strategies



Participating in an **interactive virtual experience** with world class faculty to deliver key content



Best practice **case studies** and **company immersions**



A practical, nuts-and-bolts approach to learning - **acquiring skills** you can apply immediately



Taking time for **introspection** and **self-assessment**



Analysing your own leadership style and **developing action plans** for improving your management effectiveness



Growing your business network in the industry

ABOUT DUKE CE

Duke Corporate Education (Duke CE) is the premier global provider of customised leadership solutions. We are a blend of a business and University – but distinct from both. From the business world, we bring an outcomes-driven focus on client service and real world insight into the challenges leaders face. From our University heritage, we bring academic rigor and research.

Since we began in 2000, breaking the rules and redefining education has been part of our aspiration and in our DNA. We know that as leadership needs to take an exponential leap to get ready for what's next, so do we.

ABOUT DUKE UNIVERSITY'S FUQUA SCHOOL OF BUSINESS

Duke University's Fuqua School of Business is one of the leading business schools in the world and is ranked among the top 10 MBA Business Schools in the US (Bloomberg 2016). With their top-notch faculty, Duke University's Fuqua School of Business attracts and nurtures a new kind of leader who has the power to bring out the strength in others and move teams forward toward a common purpose.

ABOUT DUKE UNIVERSITY

Duke University is a research University located in Durham, North Carolina. Duke is ranked 8th in the U.S. News & World Report Best Colleges Ranking and 21st in the U.S. News & World Report Best Global University Ranking. In 2017, Forbes lists Duke among the top ten universities to “produce the most Forbes 400 billionaires”. In a corporate study carried out by The New York Times, Duke's graduates were shown to be among the most sought-after and valued in the world and Forbes magazine ranked Duke 7th in the world on its list of ‘power factories’.

ABOUT RHODES BUSINESS SCHOOL

The essence of Rhodes Business School is “Leadership for Sustainability”. Our vision is to “Transform business for a sustainable world” tied to our mission to “Educate and influence responsible business practice, responsibly”. We believe that business has the greatest potential to change the world for the well-being of current and future generations. At Rhodes Business School, we emphasise the balance which needs to be placed on the social, environmental, economic and ethical performance of organisations essential to their sustainable impact and performance.

Duke
CORPORATE EDUCATION South Africa

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