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HIGHER CERTIFICATE IN MANAGEMENT OF TECHNOLOGY & INNOVATION

HARNESS YOUR REMARKABILITY



ABOUT THE DA VINCI INSTITUTE

The Da Vinci Institute for Technology Management (PTY) Ltd (Da Vinci) is registered by the Department of Higher Education and Training (DHET) as a Private Higher Education provider under the Higher Education Act 1997, registration no. 2004/ HE07/003. The Institute offers higher education qualifications in the distance mode of delivery, accredited by the Council on Higher Education (CHE) and registered on the National Qualifications Framework (NQF) by the South African Qualifications Authority (SAQA).

The Institute's strategic intent is to strengthen the growth of agile, aligned and engaged leaders, who co-create innovative ecosystems and sustainable transformational societies. To align with this strategic intent, Da Vinci facilitates the holistic development of diverse leaders, incorporating excellence in the management of technology, innovation, people and systemic thinking in all offerings.

Through its engagement with an approach to knowledge production called Mode 2, Da Vinci is focused on the creation of knowledge that is trans-disciplinary in nature, socially relevant, actively promotes diversity and heterogeneity, and of which the intent is to apply situated learning, problem probing and decision making, to solve work-based challenges, and contribute towards the professional development of the people involved.

Da Vinci prepares entrepreneurs, prospective managers and business leaders to take control of their working environments, by integrating a framework into its programmes called the TIPS™ Managerial Leadership Framework (This looks at the Management of Technology, Innovation and People in a Systemic way) that contributes to the overarching field of Business Leadership and promotes agility, alignment and engagement of people at work.

By facilitating a true mode 2 learning experience for our students and sponsors alike, The Institute's approach can meet ever-changing organisational performance needs.



DREAM

Influence the co-creation of sustainable societies



PROMISE

Co-creating realities



PURPOSE

Growing agile, aligned and engaged leaders



STRATEGIC INTENT

To strengthen the growth of agile, aligned and engaged leaders, who co-create innovative ecosystems and sustainable transformational societies

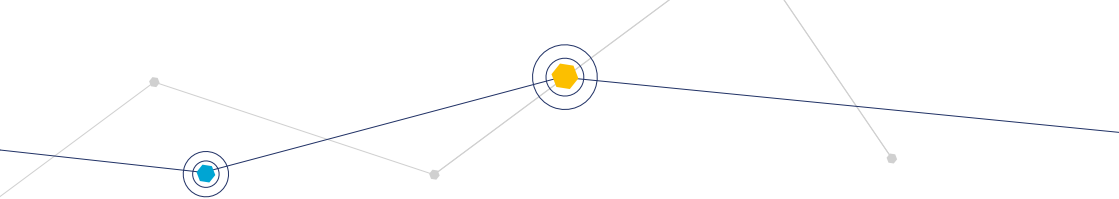


CORE PRINCIPLES

- Being curious
- Seeking truth
- Leveraging interconnectedness
- Awakening the senses
- Taking responsibility for crafting just and dynamic societies
- Embracing holism and living harmoniously
- Appreciating the shadow
- Mastering balance with integrity

OVERVIEW OF THE HIGHER CERTIFICATE IN MANAGEMENT OF TECHNOLOGY AND INNOVATION

The Higher Certificate is specifically designed to enable members of an organisation, whose career paths have not necessarily included gaining formal qualifications, to realise their true potential by developing them to understand their role in an organisational environment and preparing them to perform their job effectively within a modern organisational



environment. The qualification also equips students with providing personal development opportunities for them while they meet their job requirements and emphasising the integration of systems, technology, innovation and people development concepts into each person's individual performance within an organisation. The curriculum is coupled with the choice of elective modules in the curriculum that hone students' skills in a particular area.

The purpose of this Higher Certificate is to equip students to contribute towards the debate on socio-economic transformation and management development in South Africa. This purpose seeks to transform individuals, organisations and the community at large, dealing with management development challenges such as the management of technology, entrepreneurship, project management, the management of innovation, the management of people and systemic thinking from a management development perspective.

Students who achieve this qualification should be able to:

- ① Define and apply a variety of management development theories within a systems thinking framework.
- ② Describe the knowledge and skills required for the effective management of technology, the management of innovation and the management of people processes and compile checklists of performance indicators.
- ③ Communicate ideas, concepts and practical application of entrepreneurial theories.
- ④ Apply technology, innovation, people and systems thinking concepts to transform individuals, organisations and/or communities.

MINIMUM ADMISSION REQUIREMENTS

- ① National Senior Certificate NSC/SC (a) - A minimum of 30% in English; OR
- ② National Certificate (NC) (V) or equivalent at Level 4 - A minimum of 40% in English OR
- ③ SC – A minimum of 33.3% in English.

For all information and/or assistance related to admission requirements, recognition of prior learning, mature age exemption, study visas and permits please email admissions@davinci.ac.za alternatively see www.davinci.ac.za

DELIVERY OF THE PROGRAMME

The mode of delivery is distance learning, which utilises a wide range of teaching and learning methodologies and digital support.

WHY ENROL FOR THIS PROGRAMME

Students will enjoy the following benefits:

- ① Modules are designed around the role of business management
- ② Learning interventions are aligned to emerging market realities and related strategies
- ③ Workshops are lectured by industry experts
- ④ A variety of assessment techniques are applied
- ⑤ Programme scheduling is flexible
- ⑥ Content promotes awareness of the benefits of being entrepreneurial



PROGRAMME STRUCTURE

Module	Credits
Fundamental Modules	
Self, Other and Social Contexts	10
Problem Solving, Creative Thinking and Decision Making	8
Systems Thinking	12
Core Modules	
Management of Innovation	10
Management of Technology	10
Management of People	10
Total Compulsory Credits	60

*Students are required to select any of the following elective modules to the value of 60 credits. Elective modules are subject to availability. For further information about this qualification and/on elective options contact the registry office on 011 6081331 or registry@davinci.ac.za. You can also visit our website www.davinci.ac.za

Elective Modules*	
Financial Literacy	12
Systems-Driven Project Management Principles and Methodologies	12
Customer Relationship Management and Business Communications	12
Basic Principles of Operations Management	12
Change Management Fundamentals	12
Project Business Context	12
Project Management	12
Project Finance	12
Project Change Dynamics	12
Project Sustainability	12
Total Elective Credits	60
Total Credits	120



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The Da Vinci Institute for Technology Management (Pty) Ltd
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