



# Are You Remarkable?

Doctor of  
Management in  
Technology and  
Innovation



**daVinci**  
Research · Design · Education

THE DA VINCI INSTITUTE



## INTRODUCTION

The Da Vinci Institute for Technology Management (Da Vinci Institute), is a School of Business Leadership, offering various accredited programmes. The Da Vinci Institute is focused on enabling its students to acquire their qualification through a strong knowledge base and utilising the core principles of action learning. By using a Mode 2 Approach, we are focused on the co-creation of knowledge and solving problems in day-to-day life. It is in this context that the Da Vinci Institute provides a learning journey for future business leaders and tomorrow's innovative entrepreneurs.

The Da Vinci Institute derives its passion from a triangulated approach of developing independent thinkers, societal contributors and remarkable business leaders.

## BACKGROUND AND CONTEXT

Business Management is the study of how to enable business leaders to make a value judgement on how to improve the performance of their operations, through the selection and application of a blend of technologies, innovations and people practices relevant to their market. In addition, this should be an agile process, which continually tests existing and future commercial boundaries to build market driven excellence. The human interface is an integral part of this paradigm to ensure meaningful engagements. As a result of the business management practices developed during the late 1980s and 90s, the world focused on the development of business administration skills and knowledge for managers. Subsequently, there has been a shift informed by the democratisation of economies, to a more systemic approach focusing on business leadership, as required for the sustainable development of organisations. The key objective of the Da Vinci programmes is the development of business leaders who will understand the importance of socio-economic transformation in society. This programme will achieve this through broad-based education that equips students with the knowledge, theory and action learning competence, required to provide a thorough understanding of business leadership alignment as it relates to agility and engagement. This is underpinned by an understanding of the management of four key business areas:

- T - Technology Management
- I - Innovation Management
- P - People Management
- S - Systemic Thinking

## RATIONALE

This qualification is specifically designed to enable Doctoral candidates to expand their true potential by:

- Challenging them to initiate innovative solutions for business improvement and socio-economic transformation
- Acquiring the competence to design a system and to develop technology and innovation related activities to meet transformational targets through advanced scholarship and knowledge production in the field of Management
- Providing personal development opportunities for them to contribute significantly to the socio-economic development of a country by generating knowledge in respect of highly complex social and economic issues.

## PURPOSE

The purpose of this qualification is to recognise those who have the required competence to serve in leadership positions in organisations (public and private, including self-owned businesses) and the community at large, by enabling them to obtain a nationally registered and recognised qualification.

A further purpose of this qualification is to produce lifelong learners who are equipped to re-direct existing thinking frameworks to facilitate sustainable socioeconomic transformation. This should contribute towards the development of individuals, organisations and communities and equip them to deal with challenges related to the management of technology, entrepreneurship, the management of innovation, the management of people, and systems thinking.

By challenging Doctoral candidates to re-direct existing thinking frameworks (theory), they are required to undertake research at the most advanced academic levels, incorporating theoretical insights across a broad spectrum of disciplines and as a result creating (developing) new knowledge, thus demonstrating high level research capabilities and making a significant and original contribution.

Individuals who achieve this qualification will be able to:

- Review existing management leadership theories and models and devise new frameworks within a systems thinking context
- Critique and synthesize the knowledge and required behaviours

relevant to the effective management of technology, the management of innovation and the management of people processes into design and development initiatives

- Communicate and advocate ideas, principles, concepts and practical applications of theories and frameworks
- Devise technology, innovation, people and systems thinking concepts which are able to inform the transformation of individuals, organisations and/or communities.

### WHY ENROL FOR THIS PROGRAMME

Candidates will enjoy the following benefits:

- They will be challenged to initiate innovative solutions for business improvement and socio-economic transformation
- Acquire the competence to design a system and to develop technology and innovation related activities to meet transformational targets
- Be provided with personal development opportunities for them to contribute significantly to the development of business by their research contribution.

### DELIVERY OF THE PROGRAMME

The mode of delivery is distance learning to accommodate knowledge produced in the context of the real world.

This qualification has been accredited by the HEQC of the Council on Higher Education (CHE) of South Africa. It is registered with the South African Qualification Authority (SAQA) on the NQF and is registered by the Department of Higher Education and Training (DHET).

## PROGRAMME OUTLINE

### Doctor of Management in Technology and Innovation (SAQA ID 108983)

#### Thesis (360)

Credits

Thesis (incorporating themes related to the management of innovation, technology and people within a systemic context)

**Successful completion of the programme requires the following:**

360

- Approval of research proposal
- Examination of written thesis
- Oral defence
- Submission of a publishable article

**Total Credits 360**

## ADMISSION CRITERIA

### Doctor of Management in Technology and Innovation (SAQA ID 108983)

#### Minimum Admission Requirements

- Master Degree or other relevant NQF 9 qualification
- All applicants must successfully complete the Research and Methodology module with an achievement of 60% in order for a students' status to change from 'provisional admission' to 'registered', with The Institute.

#### Recognition of Prior Learning (RPL)

- There is no RPL process into this programme
- The prospective candidate could consider applying for the Masters programme at The Da Vinci Institute. (see Master of Management degree admission criteria)



## PURPOSE

To cultivate business leaders

## DREAM

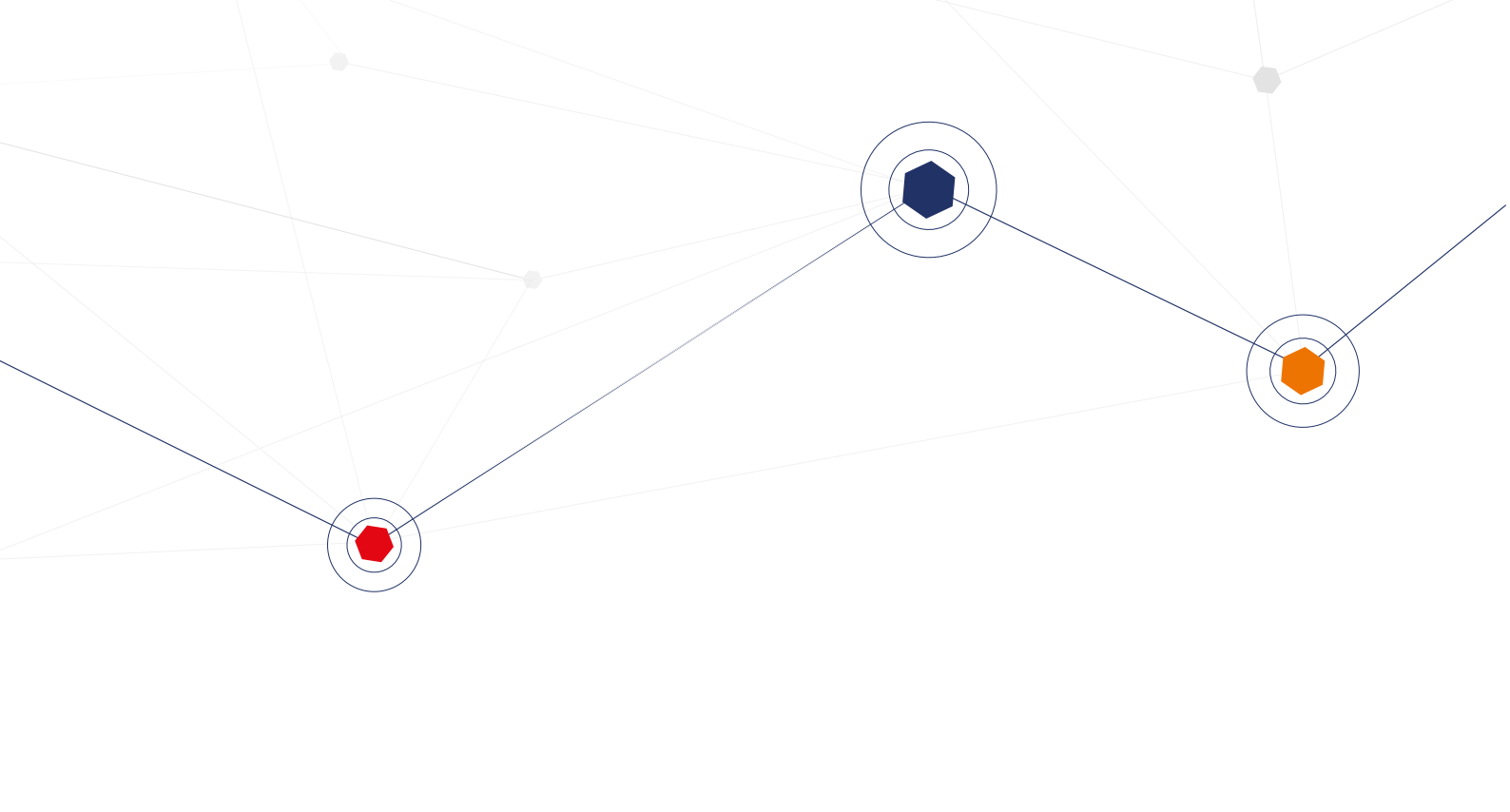
To contribute to the development  
of a sustainable society

## PRINCIPLES

Seeking the truth (curiosita)  
Taking responsibility (dimostrazione)  
Sharpening awareness (sensazione)  
Engaging the shadow (sfumato)  
Cultivating Balance (scienza)  
Nurturing Intergration (corporalita)  
Embracing Holism (connessione)

## BRAND PROMISE

To co-create reality



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