

# SHAPING THE **FUTURE**

## Master's in Engineering Management

Photo by Ignus Dreyer

Shaping Tomorrow: Engineering Management's Role in Cultivating Future-Ready Professionals

# SHAPING A BORDERLESS CAMPUS

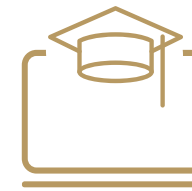
## Global Engagement



Our sophisticated Hybrid Online Model unites technical talent across the globe. Students engage seamlessly from anywhere, bringing diverse market perspectives into the classroom.

**25 COUNTRIES**  
CONNECTED PROFESSIONALS

## Future-Ready Learning



Designed for full-time professionals. Experience real-time webinars, continuous assessment, and collaborative virtual teams that mirror the modern global engineering firm.

"Education that fits your career,  
no matter the time zone."

# SHAPING THE STRATEGIC LEADER

# 34%

## OF TOP PERFORMING CEOs ARE ENGINEERS

### Bridging the Skills Gap

Undergraduate studies focus on the **Laws of Nature**. Leadership requires mastering **Human Systems**.

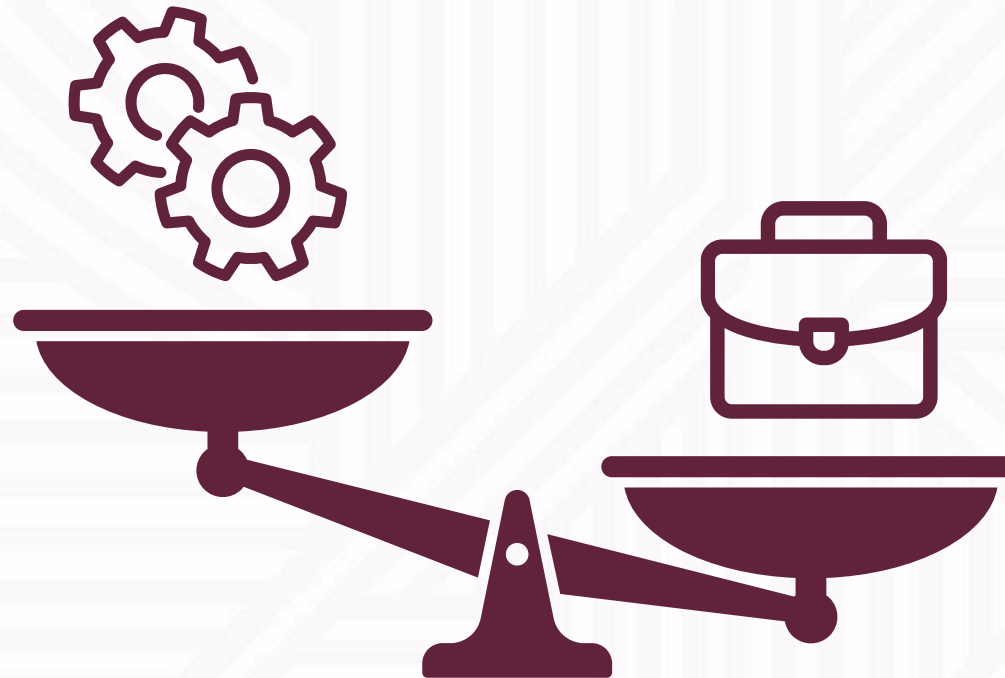
- ▶ Qualitative vs. Quantitative decision making.
- ▶ Mastering human behaviour and social norms.
- ▶ Navigating policy, economics, and legislation.

# SHAPING SPECIALISED EXPERTISE

## THE MEM EDGE

Focus: Better Engineer

For technical leaders who want to lead innovation and complex systems while maintaining their engineering core.



## THE MBA PATH

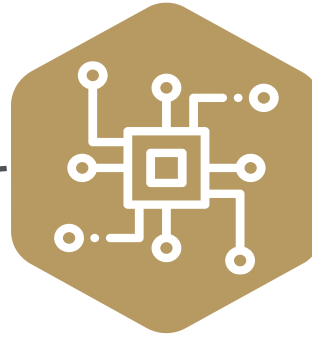
Focus: Better Manager.

A generalist business degree. Often lacks the technical depth required for R&D and engineering leadership.

# SHAPING THE 4IR TOOLBOX

## Industry-Relevant Core

Our interdisciplinary curriculum is built to help technical specialists turn ground-breaking ideas into sustainable enterprise realities.



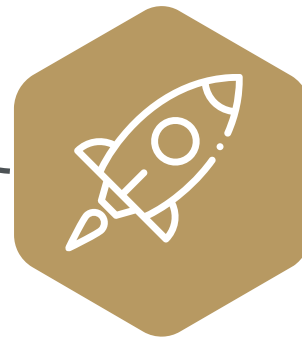
### Managing Emerging Tech in Organisations:

Change management & integration of AI, IoT, & Cloud into legacy systems.



### Tech Entrepreneurship:

Spin-outs, corporate venturing, and business model design.



### Innovation Strategy:

Commercializing R&D and scaling disruptive technologies.

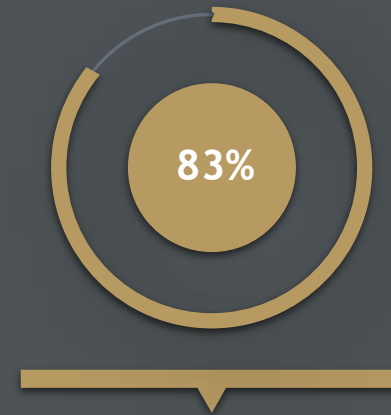
# SHAPING THE TALENT PIPELINE

# 333

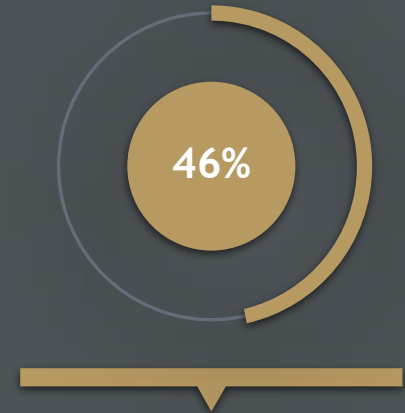
## ACTIVE STUDENTS IN 2026

## Diverse. Dynamic. Driven.

A rapidly growing cohort of future-ready professionals across key sectors:



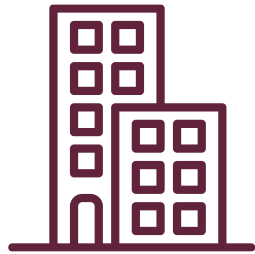
SADC Region



Under Age 40

Sectors: Defence, Petrochemical, Fintech, FMCG, Utilities, and R&D.

## Digital Construction



Developing digitalisation frameworks to optimize efficiency in South African infrastructure projects.

## AgriTech Innovation



Strategic integration of emerging tech for sustainable entrepreneurship in agriculture.

## Risk Mitigation



Applying 4IR sensor technology to mitigate environmental risks in mining residue management.

# SHAPE YOUR TOMORROW



## Industry Partners

Access our Advisory Board, fund research, or recruit from our specialised talent pool.

APPLICATIONS CLOSE 31 OCTOBER

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[www.eng.sun.ac.za](http://www.eng.sun.ac.za)