

At the department of Industrial Engineering, we are continuously in pursuit of ensuring academic excellence. In today's world there is a greater demand for productivity, competitiveness and effectiveness, than ever before. Modern businesses cannot compete, without constantly improving their processes and systems and contemporary Industrial Engineering provides solutions for these modern challenges.

Industrial Engineering is a discipline of engineering dealing with the optimization of complex processes or systems. It is concerned with the development, improvement, implementation and evaluation of integrated systems of people, money, knowledge, information, equipment, energy, materials, analysis and synthesis, as well as the mathematical, physical and social sciences together with the principles and methods of engineering design to specify, predict, and evaluate the results to be obtained from such systems or processes. Its underlying concepts overlap considerably with certain business-oriented disciplines such as operations management and financial management, but the engineering side tends to emphasize extensive mathematical proficiency and usage of quantitative methods.

INDUSTRIAL ENGINEERS FOCUS ON

- Solving really hard and complex problems
- Creative and innovative problem-solving
- Finding simplicity in complexity
- Connecting across disciplines
- Bringing professionals together to solve contemporary challenges that business and society face
- Understanding what the right problem is to solve, in order to have impact

....and many more

HOW TO APPLY

Are you a creative and analytical thinker?
A problem-solver at heart? If you are, then
Industrial Engineering is the degree for you.

Apply here: <https://www.sun.ac.za/english/maties/apply/>



Contacts

Prof Corne Schutte
Departmental Chair
email: corne@sun.ac.za

Karina Smith
Administrative Officer: Undergraduate
Tel: 021 808 4234
email: ksmith@sun.ac.za

www.ie.sun.ac.za

