



26 July 2024: Session 2

Unlocking Potential

The Power of Instructor-Led Training

Speaker: Jo-Ann Steyn & Xavier Modena
Modena AEC (Architecture Engineering Construction)

INTRODUCTION

Jo-Ann Steyn

- Joined Modena in 2012
- Awarded Autodesk Expert Elite in 2014
- Autodesk University - Las Vegas Speaker in 2014
- Autodesk University – South Africa Speaker for 6 years
- Advanced Diploma in Civil & Structural Engineering – EIT
- Autodesk Certified Instructor (ACI) for AEC 2024 – Milan, Italy
- Autodesk Certified Instructor – Platinum (9 Years)

Xavier Modena

- Joined Modena in 2023
- Specialises in AutoCAD and Revit



WHO ARE WE?



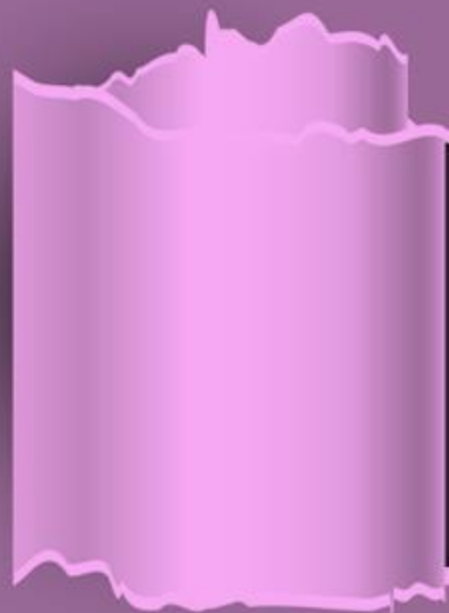
Modena is the only Autodesc Platinum Partner in Africa. Our Platinum Partner status indicates a significant investment in consulting and development services as well as having demonstrated an ability to deliver the highest level of solution expertise, service, support, and customer satisfaction.

Our ATC accreditation is your catalyst to career advancement. Use our training center and staff of approved instructors to master products and earn professional certification and badging. Our Autodesc Certified Instructors are recognized by the worldwide Autodesc Learning Partner community.

All our technical staff are Certified Professionals & Instructors, with vast experience in their respective fields. With over 70 staff members throughout our group of companies, Modena has combined knowledge that is virtually unmatched in our field, that our clients benefit from on a daily basis.

Winner of numerous achievement awards, Modena is proud to be Autodesc's largest partner in Africa. Modena so far has received 7 Platinum Club awards. Modena has the expertise and experience to analyse needs, then recommend, implement and support the world's best design technology solutions





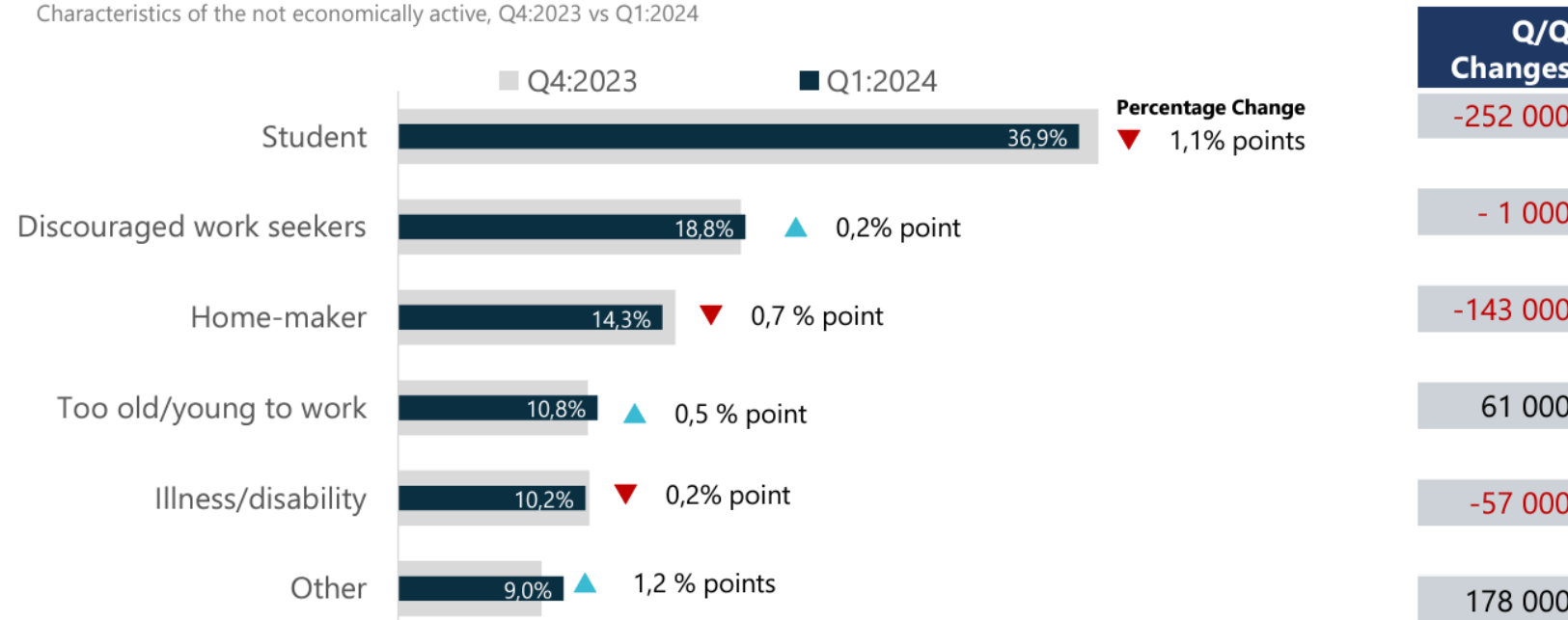
**DID YOU
KNOW?**



CURRENT ISSUES / CHALLENGES

The number of **Not Economically Active** persons **decreased by 215 000** in Q1:2024 compared to Q4:2023

Characteristics of the not economically active, Q4:2023 vs Q1:2024



Due to rounding numbers may not add up

IMPROVING LIVES THROUGH DATA ECOSYSTEMS

CURRENT ISSUES / CHALLENGES

South Africa desperately needs workers with these skills



South Africa is facing a massive skills shortage, which severely impacts business operations across the country.

According to PwC's 26th Annual Global CEO Survey, 45% of CEOs in Sub-Saharan Africa and 52% worldwide said that not having enough skilled workers would harm their company's profits over the next 10 years.

What skills are in demand in South Africa?

The skills in demand in South Africa include IT skills (software development, data science, cybersecurity), engineering skills (mechanical, civil, industrial), healthcare skills (nursing, medical technology), and financial skills (accounting, actuarial science). These skills are essential for meeting the needs of the evolving job market.

Scarce Skills in South Africa: Mismatch Between Skills and Job Opportunities

The mismatch between skills and job opportunities in South Africa is a critical issue that demands immediate attention. Despite high unemployment rates, many industries report a significant shortage of skilled workers. This paradox can be attributed to outdated educational curricula, insufficient training facilities, and a lack of alignment between industry needs and educational outcomes. The current educational system in South Africa often fails to align with industry needs. Many graduates find themselves with degrees that do not translate into employable skills, while industries report shortages in key areas.

Scarce skills, such as those in engineering, information technology, healthcare, and finance, are in high demand. For instance, the IT sector is experiencing a boom, with roles like software developers, data analysts, and cybersecurity experts being highly sought after. Similarly, the healthcare industry is in dire need of doctors, nurses, and specialists to cope with the increasing demand for quality medical services.



CURRENT ISSUES / CHALLENGES



Builders

Born: 1925-1945



Baby Boomers

Born: 1946-1964



Generation X

Born: 1965-1979



Generation Y

Born: 1980-1994



Generation Z

Born: 1995-2009



Gen Alpha

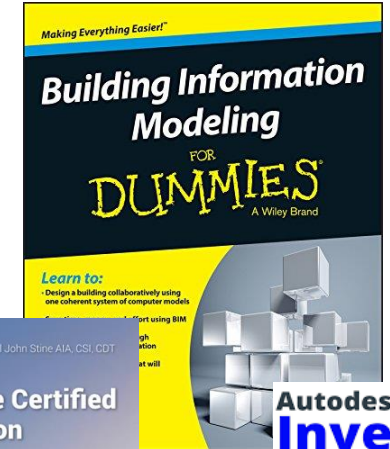
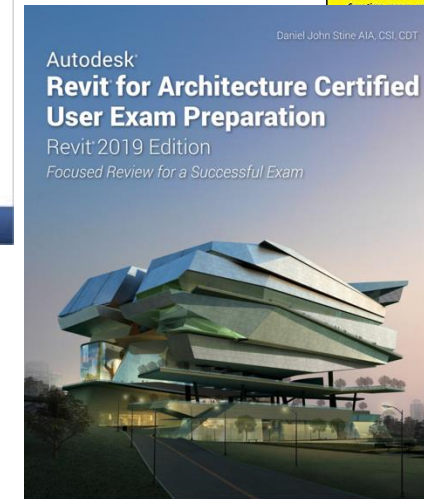
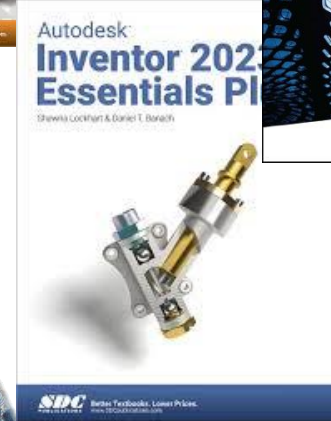
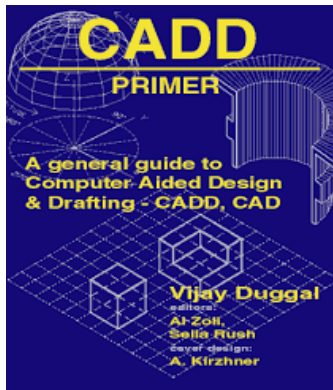
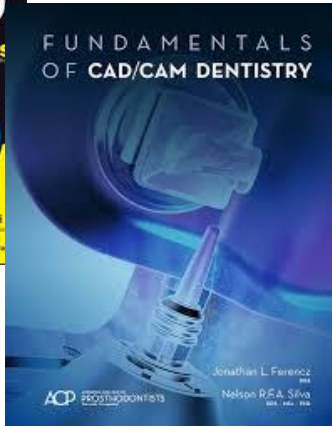
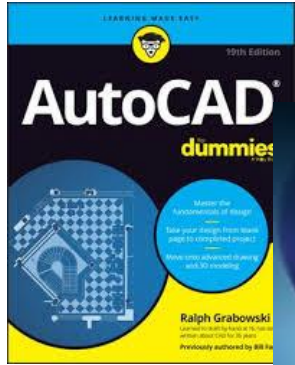
Born: 2010-2024



EMPLOYABILITY



Buys books on Takealot / Amazon / Instore



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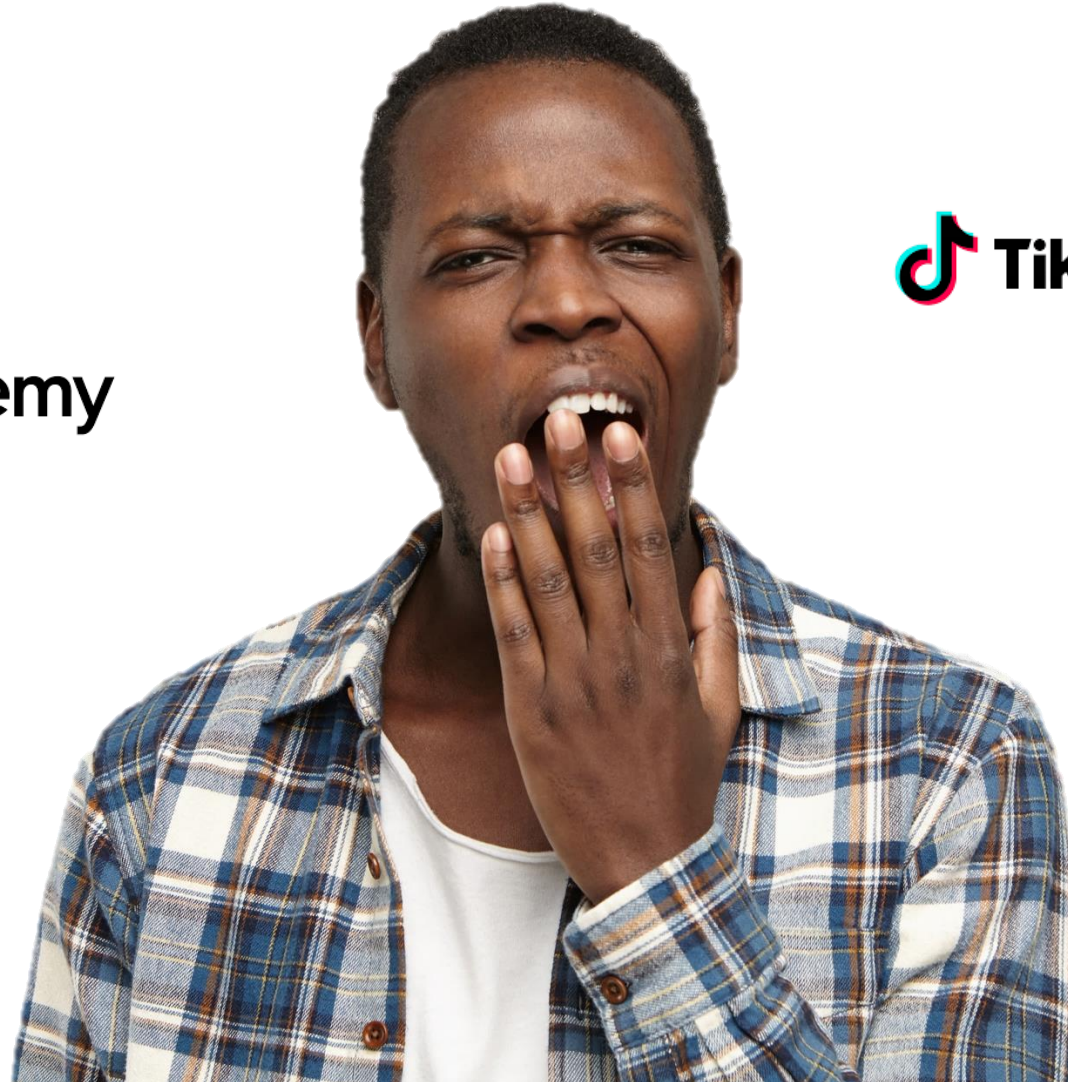
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udemy

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Self Taught

Train from Home

Online – Self Paced

Books

On the Job

From a Friend





You don't know
What you don't
know!





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