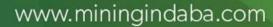
MINING INDABA 2023



a Hyve event









WORKPLACE SKILLS AND WORKFORCE CULTURE FOR THE MINE OF THE FUTURE

Wits School of Mining Engineering curriculum re-alignment to the mine of the future.



YOS 1

- Maths and Science
- Engineering design
- Humanities (Ethics, Languages)

YOS 3

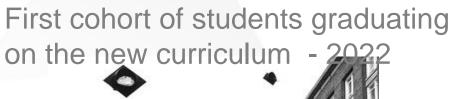
- Automation and Robotics
- ESG

YOS 2

- Professional Development (Soft skills)
- Digital Technologies
- Mine Data Science and Analytics

YOS 4

- Mining optimisation
- Systems engineering
- Entrepreneurship





4IR CURRICULUM ADAPTATION



QS SoME RANKING















10









































Are universities and industry adapting their curriculum and training fast enough?



- Yes, mining engineering schools are adapting their curricula to incorporate 4IR related courses.
- Three schools have at least three 4IR related courses.
- Mining engineering schools are collaborating with other disciplines.