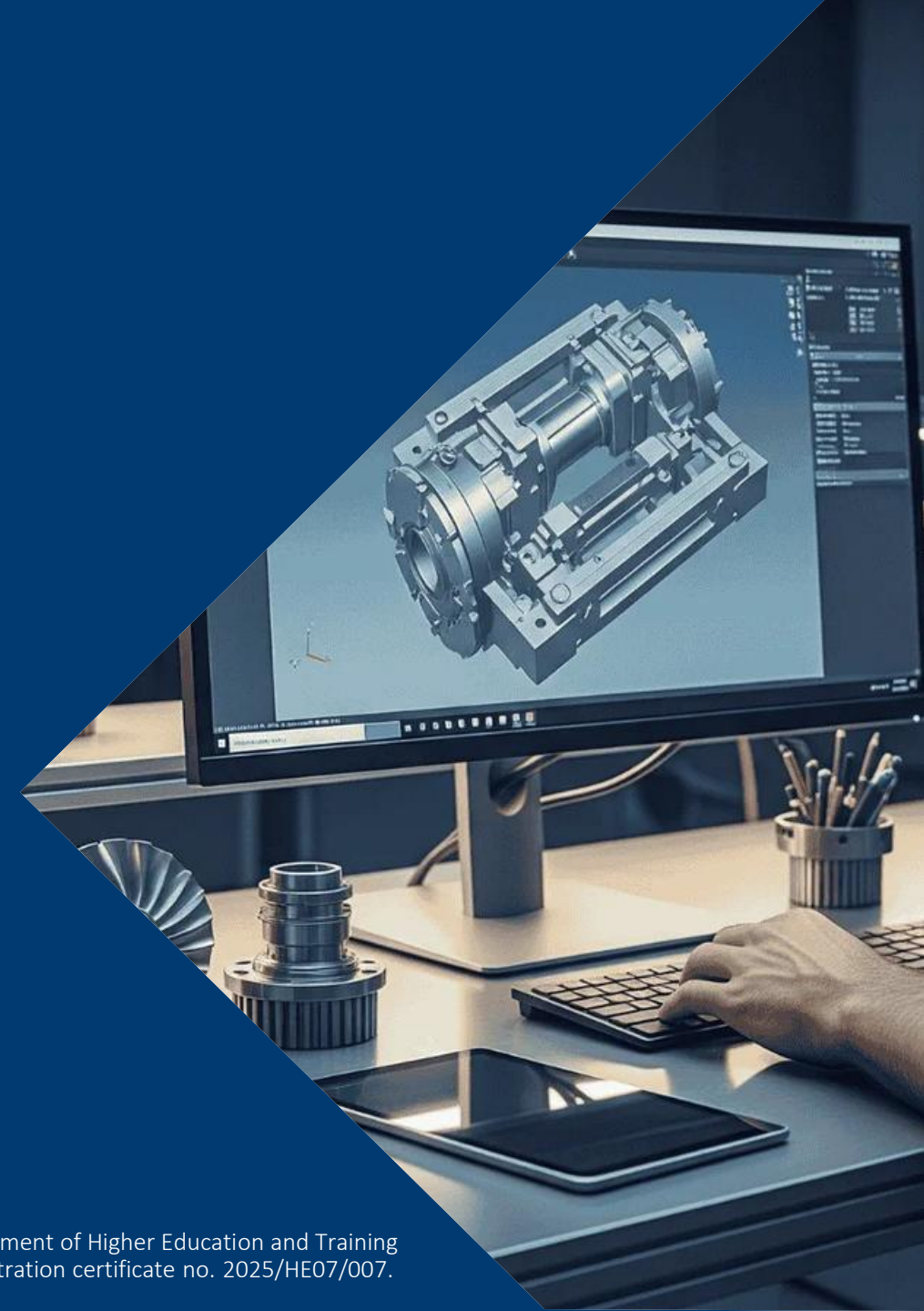


[Watch Webinar Recording Here](#)

Why Choose Engineering as a Career ?

An ECST webinar series

Presented By : Eldridge M. Mapfumo



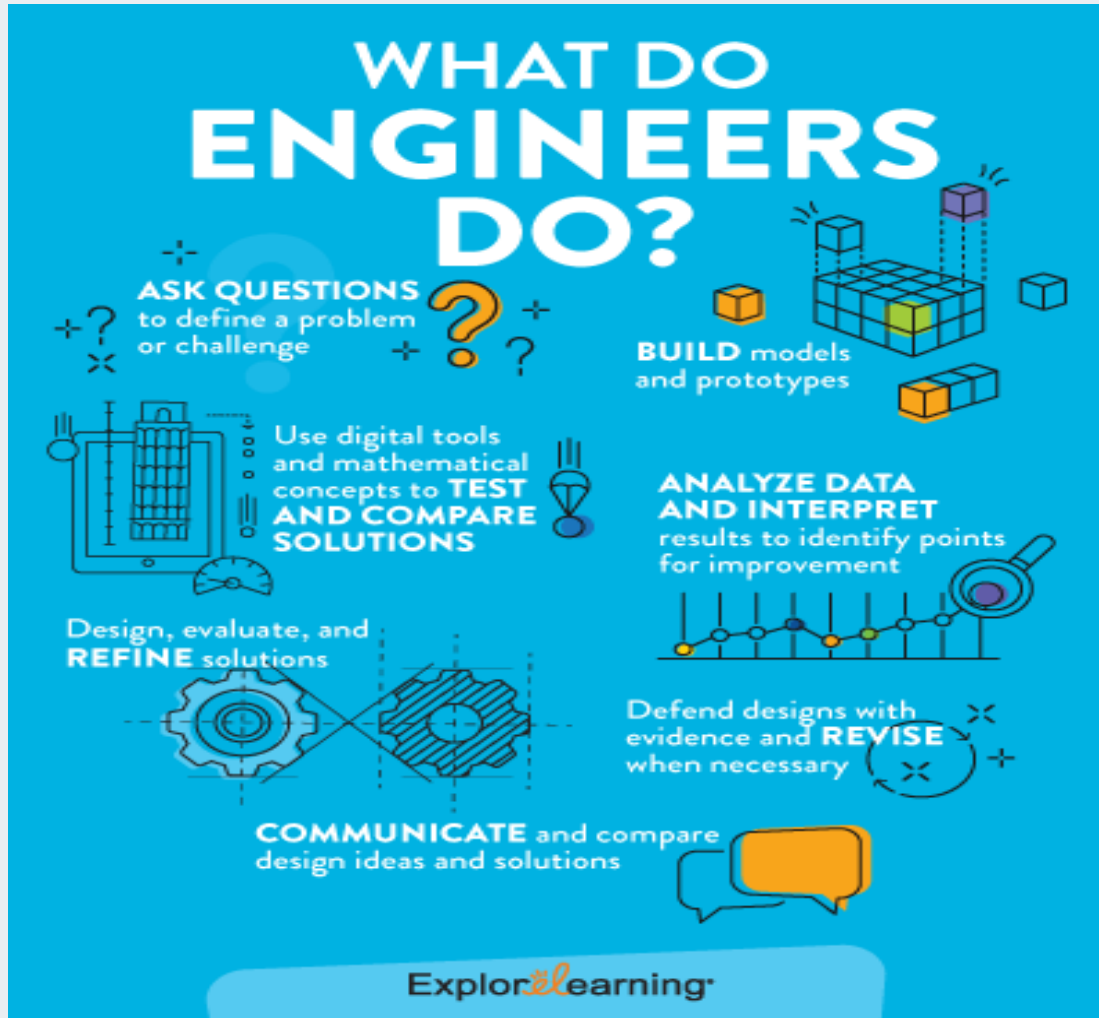
Our Guest : Dr Corrin Varady



CEO | IDEA Group

Corrin Varady has a PhD from the London School of Economics; two Masters with First Class Honours (Commerce and International Relations) as well as an MBA focusing on Blockchain and Strategic Leadership. Dr Varady is currently an Associate Project Lecturer at the London School of Economics; Stanford University Entrepreneur Mentor, and Education Analyst for SABC and eNCA, South Africa. He leads a team of 140 people across 9 countries in the creation of digital education solutions for students and teachers as well as entrepreneurs, health workers and public sector officials. IDEA works with global NGO, NPO, Public Sector and Public Companies in health and education in reducing technological inequalities in historically disadvantaged, rural and conflict-affected communities. IDEA was named the UNECA 'Most Innovative Solution for Government in Response to COVID-19' for its digital virtual school continuity action solution. Varady most recently presented his research on educator moderation of automated content at the UNESCO's Digital Learning Week: AI and the Future of Education in 2025.

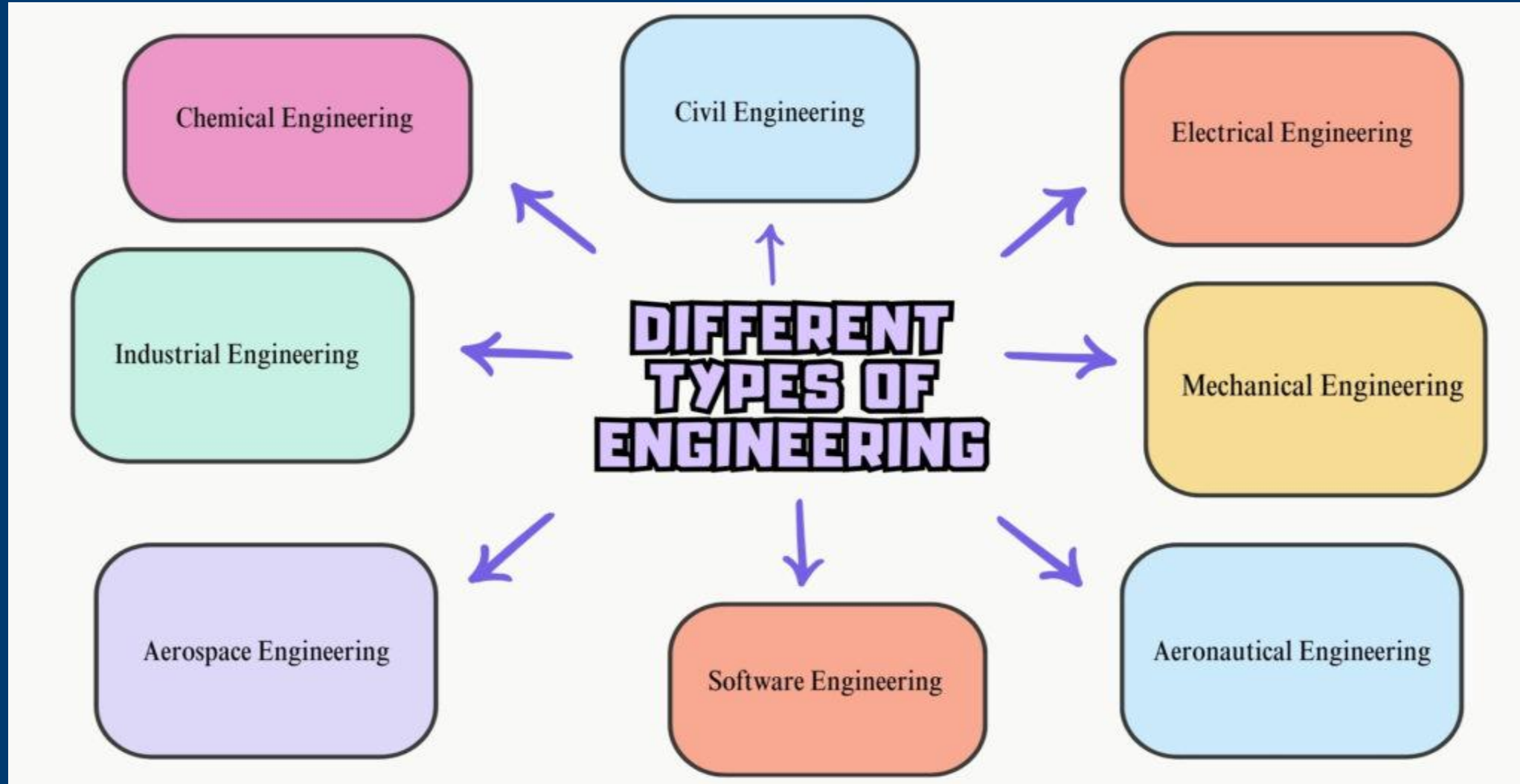
What Do Engineers Actually Do ?



Scientists investigate that which already is; *engineers* create that which has never been.

ALBERT EINSTEIN

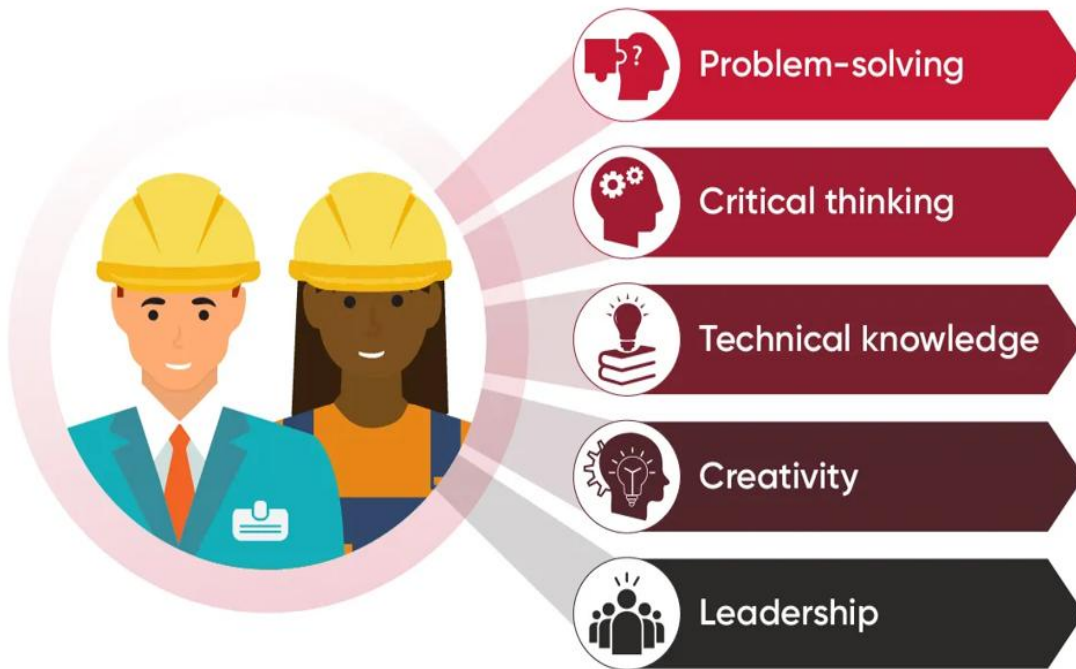
Different Engineering Fields



Key Skills For Engineers

KEY SKILLS THAT EVERY ENGINEER NEEDS

Engineers must have a balanced set of hard and soft skills.

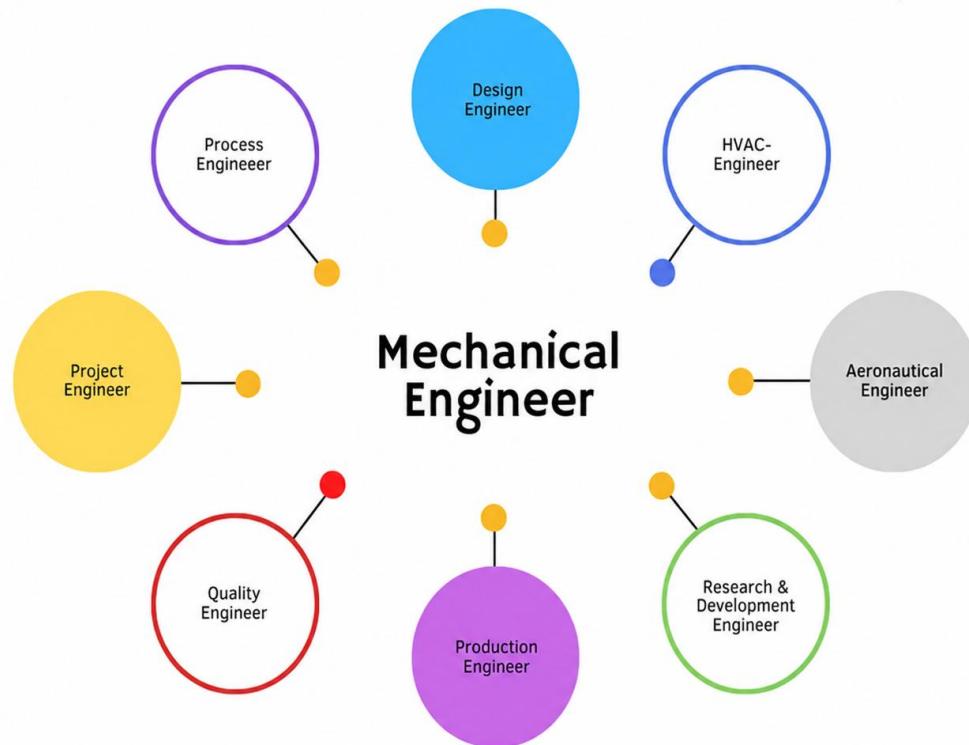


Source: Indeed



Career Opportunities for Engineers

Career options



Electrical Engineer's Options

- | | | |
|---|--|---|
| ☐ Broadcast Engineer | ☐ Engineer | ☐ Aerospace Engineer |
| ☐ Circuit Designer | ☐ Product Manager | ☐ Aircraft Performance Engineer |
| ☐ Communications Engineer - | ☐ Project Engineer | ☐ Airline Pilot |
| ☐ Consumer Advocate | ☐ Public Utility Consultant | ☐ Astronautical Engineer |
| ☐ Design Engineer | ☐ Research Engineer | ☐ Avionics Technician |
| ☐ Distribution Planning Engineer | ☐ Robotics Technologist | ☐ Electrical Engineer |
| ☐ Drafting Technician | ☐ Sales Representative | ☐ Electrical Systems Engineer |
| ☐ Hardware Engineer | ☐ Systems Support Analyst | ☐ Electrician |
| ☐ Helicopter Pilot | ☐ Technical Sales Engineer | ☐ Electronics Engineer |
| ☐ Hydro Engineer | ☐ Technical Writer | ☐ Energy Efficiency Engineer |
| ☐ Military Officer | ☐ Telecommunications Technician | ☐ Entrepreneur |
| ☐ Network Engineer | ☐ Test Technician | ☐ Instrumentation and Control Engineer |
| ☐ Nuclear Engineer | ☐ Toy Designer | |
| ☐ Patent Agent | ☐ University Professor | |
| ☐ Product Development | ☐ Aeronautical Engineer | |

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Advantages of Studying Engineering

- **Great Job Satisfaction**
- **Multiple Career Opportunities**
- **Intellectual Development**
- **Challenging/No-Boring Work**
- **Helping Hand Of Society**
- **Financial Security**
- **Reputation**
- **Scientific And Technological Discoveries**



Lighter Note - Food for Thought ?



The glass is neither half full
nor half empty.
The engineer says it's twice
as big as necessary.

What is an engineer's favourite kind of music ?

References

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Upcoming webinars

- **Engineering in South Africa : Using Electrical and Mechanical Engineering to Solve Real Problems**
15 July 2026 | 17:00 - 18:00
- **The Future of Engineering : AI in Engineering**
29 July 2026 | 17:00 - 18:00

Contact and Information Resources

Thank you for your time and partnership.

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Campus Location: Unit 3, Elevation Gardens, Elevation Close,
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Discussions with Dr Corrin Varady



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