



DESIGN LECTURE SERIES

PYTHON FOR MODELING, MACHINE LEARNING & DESIGN

Coverage:

- Programming, Design & AI
- Python Lexical Analysis with Geometrical visualizations;
- Fusion 360 Basics;
- Introduction to Machine Learning;
- Fundamental types and the Python Object Model;
- Programme Structure, Execution & Debugging;
- The Fusion 360 API Object Model and Parametric Modeling.
- Models for simulation scenarios and design

PRESENTED BY

Science to Products Africa Initiative
“Rethinking the African Engineering Ecosystem”

CONTACT US

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REGISTER NOW:

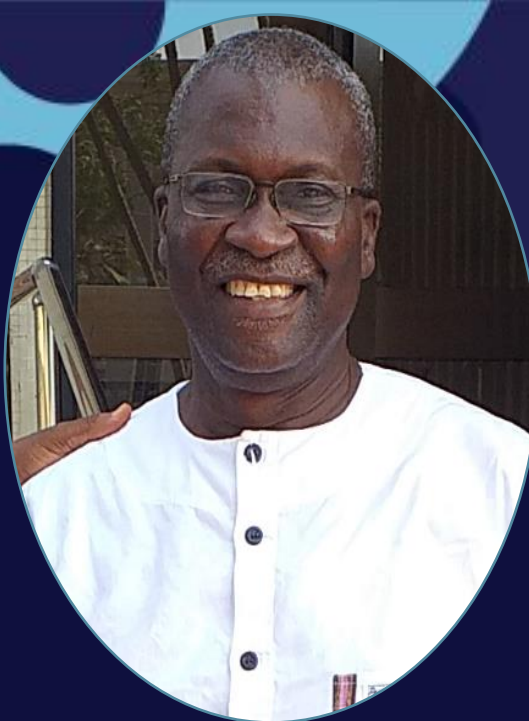
This beginners' course requires background of Senior Secondary Trigonometry, Calculus and a decent ability to navigate the web. It is a practical skills course suitable for students in full time study elsewhere but want to gain the necessary skills to become competitive in a globalized world. You will need to invest in a computer and a decent data bandwidth. Most software used are in the public domain or available to students for free.

Registration Deadline:

Sunday 30th August 2020

Lectures Starts:

Wednesday 2nd September 2020



Registration Procedure

Check the attached file for details.



DURATION

60 hours over three months



DELIVERY METHOD

Zoom, Online Materials, Web-based Q&A and Testing



COST

10000 Naira per month.

Dr Tunde Adegbola: More than 40 years in Engineering practice, Computer and Communications designer, implementor and lecturer

Professor OA Fakinlede: More than 37 years in software training and was Dean of Engineering at the University of Lagos

● SOFTWARE SUITE:

Python 3.5.6 – 3.7.6
Fusion 360
Visual Studio Code IDE