



SYLLABUS

Flow charts
Mathematical
Modelling
Optimization
Curve Fitting
Numerical
Solvers
Git
GitHub

June 16, 2022

Luis Fernando Hernandez-Godinez

has successfully completed the +5 hours Profesional Training

Numerical Methods with Engineering Applications

This certificate acknowledges that students developed and improved their skills in Numerical Methods and Algorithms. They acquired theoretical and hands-on experience in numerical mathematics, flow charts, pseudocodes, optimization, curve fitting and numerical solvers. This included the use of Python for several assignments where they solved real-life engineering problems, using basic algorithms up to advanced simulations

David Zenteno-Lara

Founder



This online specialization is based on material from courses taught on-campus, but the included lectures/lessons are not equivalent to on-campus ones. Participation in this online specialization does not constitute enrollment at any university. This certificate does not confer an University grade, course credit or degree.

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