DeVry University Online Student Branch

Presents

"MATLAB Workshop"

By Dr. Mohammad Muqri

Thursdays, Jan 14th and Jan 28th 2020, 7:00 pm CDT

To Join:

1. Go to https://devry.webex.com/devry/k2/j.php?MTID=t669549e6fe29d15adab1f97b25f6b527
2. Enter your name and email address.
3. Enter the session password: **IEEE2021**
4. Click "Join Now".
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MATLAB and MULTISIM

MATLAB is an important programing and simulation platform. This is a useful tool for electrical and computer technicians, engineers and scientists to design and analyze different electronic systems. During your journey in DeVry university, you have a variety of MATLAB assignments in different courses as well. Also, being able to work with MATLAB, qualifies you for future job opportunities.
DeVry university IEEE online Student branch proudly presents a MATLAB workshop series during January 2021 session.
The following topics will be covered in the workshop:

I. Computational Basics, Circuit Analysis
II. One, Two dimensional and polar plots. Complex numbers
III. Transient Analysis & Stability
IV. Laplace and Inverse Laplace Transforms, Filters frequency response, Bode plots and Stability Criteria
V. Solving first and second order ODEs using MATLAB, Difference Equations, Z Transforms
VII. Fourier Transforms

Speaker's Bio:

Dr. Muqri served as a professor at DeVry University for twenty years. He earned a MD from Spartan University, an MSEE in Computer Engineering from the University of Tennessee, Knoxville, an MBA from Keller School of Management, and a BS degree in Electrical Engineering from NED University. His master's thesis was in computer algorithms in communications and networking. He served as a postdoctoral research fellow for the University of Illinois, Chicago in Hypertension, Alzheimer studies, high performance computing for Magnetic Resonance Imaging (MRI) and computer tomography (CT) applications. Formerly he worked at Litton Guidance and Control Systems (Northrop Grumman) as senior engineer ASIC development (1985 – 1992). He has authored more than twenty papers related to software programming, signal processing, wireless communications, computer modeling, biomedical engineering, statistical process control and Monte Carlo simulations. He is an active member of ASEE, American Medical Association (AMA), IEEE Engineering in Medicine and Biology Society (EMBS) and peer reviewed more than 100 papers for ASEE and IEEE