

Global Executive Doctoral Program

By

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Abstract

The Global Executive Track (GET) doctoral program provides the opportunity for working executives to combine real-world experience with academic skills to create a new class of technical leaders who embrace integrative thinking, are globally aware, and are capable of producing sustainable value to any organization throughout the world. This program is the first of kind in an Engineering school in the US prepares individuals to lead a technical organization in a competitive global environment, providing them with a global perspective on corporate and engineering management systems. The program features core courses with a focus on integrated learning and attention to key decisions, which global technical managers and executives are likely to encounter. The emphasis is on mastering the critical knowledge they need to lead global enterprises in complex global contexts. The key decisions and knowledge elements frame the central content drawn from industrial and systems engineering, engineering management, management science, international business and business anthropology. This presentation will highlight key aspects in the design of this program and the outcomes after its first 6 years of implementation.

Biography

Leslie Monplaisir, Professor of Industrial and Systems Engineering, is Chair of the Department of Industrial and Manufacturing Engineering at Wayne State University (WSU). He is a Lead Researcher and Director of the Product Development and Systems Engineering Consortium (PDSEC) at WSU. His research interests include: Lean Product Development, Design for lean Systems and Services and Design reuse, Collaborative PD Decision Making, Product Architecture Optimization, Design for Supply Chain, Global Product Platform Optimization and Healthcare Technology System Design He has authored over 100 publications in these areas with funded research from NSF, Ford, GM, Sun Microsystems, Tardec, VA and PTC.

Monplaisir joined the College of Engineering at Wayne State University in the Department of Industrial and Manufacturing Engineering in 1996 from Florida A & M University where he was a visiting assistant professor. He earned his PhD in Engineering Management from the Missouri University of Science and Technology (MUST), a masters in Computer Integrated Manufacturing from the University of Birmingham in Great Britain, and bachelors in Mechanical Engineering from the University of the West Indies in Trinidad.