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Automation and Robotics

June 13-15, 2016   Philadelphia, USA

Growing the next generation automation-capable workforce

Ted Rozier

Festo Didactic Solution Center, USA

It has been acknowledged that tomorrow's automation manufacturing process includes Smart Factories, Smart Machines, Smart Materials and Smart Products that have the ability to communicate with each other, alternately driving production, being interconnected and traceable at all times within an "Internet of Things". We prepare to develop the talent needed to support the demand for bringing manufacturing back to the US. It is essential to interrogate and define what type of skills will be needed to support the game changing technology of tomorrow. During this presentation, I will dive deep into the classroom of a few Universities and Community colleges to discuss educational strategies as well as case studies and best practices that have been put in place to shape a strong Advanced Automation Manufacturing and Mechatronics program that will breed the best talent for the future.

Biography

Ted Rozier is the Engineering Development Manager for Festo Didactic Solution Center head quartered in Eatontown NJ. Before joining Festo Didactic, he has 18 years of experience in leading the Automation Engineering Department for Doosan Infracore Machine Tool Corporation. He specialized in the design and development of Robotics and Machine tool turnkey systems for the Automotive, Aerospace and Pharmaceutical industry. He has managed and developed software that is the foundation for Automated Robotic Manufacturing systems on a global scale and has been acknowledged in several Manufacturing Engineering magazines for his innovative user friendly software development. As Engineering Development Manager, he is passionately looking to advance Festo Didactic as a global leader in designing and implementing learning factories and training programs with the view to systematically prepare individuals to excel working in dynamic and complex industrial automation environments. He is also a member of the AMT Global Service and Technical committee as well as a member of the Technical Work Group formed to support the NIMS standard.

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Notes:

Adv Robot Autom

ISSN: 2168-9695 ARA an open access journal

Automation and Robotics 2016

June 13-15, 2016

Volume 5, Issue 2 (Suppl)

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