



**CSULB Systems Council Chapter presents**

**IEEE Distinguished Lecture Series on**

# **Business Case for Systems Engineering**

## **Is Systems Engineering Effective?**

**Bob Rassa**

**Raytheon Space & Airborne Systems**

**Date: Monday, May 4, 2015**

**Time: 11:45 am– 12:15 pm (Lunch\* and meet IEEE members )**

**12:15 pm – 1:00 pm (Seminar, Q/A)**

**Location: Niggli Conference Center–ECS 312 at CSULB**

\* Light refreshments will be served.

### **Abstract:**

This lecture will present the results of the updated study of System Engineering (SE) performed on programs/projects and program performance in terms of cost, schedule and requirements. It will show that programs with the greater amount of SE performed demonstrate the best performance, while the programs with less SE have a lower rate of success. Since the study correlates program successes in terms of specific SE activities, these results can be used within organizations to assist in establishing systems engineering plans on programs and projects.

### **About the Speaker:**

Bob Rassa is a Director of Engineering Programs at Raytheon's Space and Airborne Systems. He is also President of the IEEE Systems Council, current Treasurer and Past President of IEEE Aerospace & Electronic Systems Council and past President of IEEE Instrumentation & Measurement Society. Mr. Rassa is founder and Chairman Emeritus of the National Defense Industry Association (NDIA) Systems Engineering Division, as well as a founding member of their Automatic Test Committee. He was the Industry Sponsor of CMMI (Capability Maturity Model Integration, the world-wide-adopted model for process improvement for SE, SW, PM, and HW design), and served as the Chair of the CMMI Steering Group from inception until 2013. He is recipient of the Westinghouse Order of Merit, the IEEE Third Millennium Medal, the McGinnis Professional Achievement Award from IEEE-AUTOTESTCON, the Lt Gen Thomas Ferguson Award for Systems Engineering Excellence from NDIA, the NDIA Gold Medal for Meritorious Service, the Raytheon Award for Excellence in Engineering Process Improvement, and the IEEE Distinguished Service Award from the IEEE Instrumentation & Measurement Society.

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For more information, please contact IEEE chapter's secretary, Dr. Shadnaz Asgari at [Shadnaz.Asgari@csulb.edu](mailto:Shadnaz.Asgari@csulb.edu).