# Old Dominion University
# College of Engineering and Technology
# Department of Electrical and Computer Engineering

All lectures to be held at 3:00 p.m. on Fridays in Kaufman 224.  For more information, contact Dr. Dimitrie Popescu at (757) 683-3741 or e-mail dpopescu@odu.edu.  Refreshments provided after the seminar.

**Friday, March 4, 2016 Seminar Topic**:

## THE INTERNET OF THINGS
## by
## Mr. Brian Magary, Director of Information Technology
## Batten College of Engineering
## Old Dominion University

**Abstract:**

The number of connected objects being added to the Internet has been growing at a tremendous rate.  Gartner predicts that the number of connected objects could reach 25 billion in the next 5 years.  For the past two years, "The Internet of Things" has been one of the main trends at the Consumer Electronics Show, with emphasis on common household and personal devices connected to the Internet and accessed and controlled by your smart phone.  This trend in smart home appliances is changing how both startup and established organizations approach designing and producing the next group of breakout products.  At the heart of these products are sensors, actors and embedded mini computers.  Some are autonomous, but many are connected together by a central host or even the cloud.  These cloud connected devices offer the ability to centrally collect data and the potential for the warehousing of that data for reports, analysis and analytics.  The collection of this information has many benefits but the even anonymously collected information can present challenges to personal privacy that are an area of concern by many.  As this next level of the development of the Internet emerges, there will be both positive and negative consequences.

**Bio:**

Bryan Magary currently is the Director of Information Technology for the Batten College of Engineering and Technology.  After graduating from Old Dominion University, Mr. Magary went to work for the Architectural and Engineering firm of Applied Management Engineering, as a Systems Engineer, overseeing all of the computing infrastructure and database systems. While at AME, Mr. Magary developed database applications for Norfolk Redevelopment and Housing Authority and provided software installation and training for many of the firm's clients.  Mr. Magary left AME for a position with the Applied Marine Research Lab to pursue a Master's degree from Old Dominion University.  Mr. Magary left AMRL for the position of Senior Systems Engineer for the College of Engineering and Technology and completed his Master of Engineering Management degree in 2000.