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Re-Engineering the K-12 Curriculum

*Dr. Ioannis Miaoulis Headlines FAU's College of Engineering and Computer Science
Innovation Leadership Distinguished Lecture Series*

BOCA RATON, FL (February 15, 2008) – Florida Atlantic University's College of Engineering and Computer Science presents "Innovation Leadership," a distinguished lecture that focuses on re-engineering the K-12 curriculum. Dr. Ioannis Miaoulis, president and director of the Boston Museum of Science, will speak on Friday, February 22 at 11 a.m. in the Charles E. Schmidt College of Biomedical Science, room 126 on FAU's Boca Raton campus, 777 Glades Road. This event is free and open to the public. Seating is limited.

Humans, utilizing the engineering design process, make most of the objects we interact with and use in our day-to-day lives. Yet, the current school curriculum provides little focus on how this human-made world is created and how it works. An increasing number of states now include the "Engineering Process" and the nature of key technologies in their learning standards. Introduction of Engineering, as a new discipline in curriculum, offers a wonderful project-based learning vehicle for the entire K-12 spectrum that brings life not only to mathematics and the sciences but connects them with social studies, language and the arts.

Miaoulis, a distinguished leader and innovator in education, will describe the value of including engineering in the formal education curriculum and give examples of successes in various learning environments. He will discuss the curriculum content for elementary, middle school and high school levels, and the ways in which engineering makes all disciplines engaging for all students.

For more information or to RSVP, contact Brenda Browning at brenda.browning@fau.edu or 561-297-3726.

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Florida Atlantic University's College of Engineering and Computer Science is committed to providing accessible and responsive programs of education and research recognized nationally for their high quality. Course offerings are presented on-campus, off-campus and through distance learning in bioengineering, civil engineering, computer engineering, computer science, electrical engineering, geomatics engineering, mechanical engineering and ocean engineering. For more information about the college, visit www.eng.fau.edu.