



American Institute of Aeronautics and Astronautics

Central Florida Section

October 2012

What:	STEM Education and Workshop
Who:	Richard L. Crawford, JL Associates
When:	Tuesday, November 13th
Where:	Lake Highland Preparatory School, Lakeside Room 901 N. Highland Avenue Orlando, FL 32803
Itinerary:	Presentation: 6:00P-6:30P / Activity: 6:30P-7:30P
RSVP:	<u>AIAA CFS RSVP</u>
Membership:	You do not need to be an AIAA member to attend
Cost:	No charge to attend

About the Presentation:

Hosted by the STEM Education Committee of the AIAA Central Florida Section, this presentation and workshop will look at the importance of STEM education and offer Educators and Professionals ideas on how to make teaching STEM subjects more engaging and appealing to K-12 students.

How is educational planning going to rise to the challenges being set forth by our Governor or the White House? How are we going to stimulate an interest in our students in the STEM (Science, Technology, Engineering, and Mathematics) curricula? How do we increase student involvement and enrollment in those classes?

About the Speaker:

Rick was the Lead Teacher and Project Manager of the Aerospace Technology Magnet Program in Hillsborough County; was the only high school teacher recipient of the American Institute of Aeronautics and Astronautics (AIAA) Educator Excellence Award in 2009; awarded the A. Scott Crossfield Master Aerospace Education Award by the Civil Air Patrol, and is a member of the AIAA Precollege Outreach Committee.

Richard's implementation of "Project-based Learning" in his Magnet placed students 4–8 years ahead in their studies. High school freshman completed projects similar to those of college seniors. Understanding of engineering design principles as well as principles of Aerodynamics, Mechanical Engineering, Electrical Engineering, along with various aspects of marketing and fund raising was realized by high school students. 92% of his graduating students opted for higher education.

AIAA Central Florida Section POC:

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