

**11:00 am 14th November 2011**

**Petrik Lajos Bilingual Technical College of Chemical Industry,  
Environmental Protection and Information Technology**



**Dr. Edward M. Reeve**

**Professor, Department of Engineering and Technology Education  
Utah State University, Logan, Utah USA**

Dr. Edward M. Reeve is a professor and teacher educator in the Department of Engineering and Technology Education (ETE) at Utah State University (USU). He was a Fulbright Scholar (2001) and Fulbright Senior Specialist (2003 & 2007) to Thailand. He has been at USU for more than 24 years where he has worked to advance knowledge in the fields of technology and engineering education, and career and technical education.

Dr. Reeve has been involved in many international activities throughout his career. He recently served as the interim vice provost for International Education at USU, is a former American Council on Education (ACE) Fellow, and is currently serving as President for the Council on Technology Teacher Education (CTTE).

Dr. Reeve received his PhD in education in industrial technology from The Ohio State University. His professional interests are in areas related to educational standards, curriculum development in science, technology, engineering, and mathematics (STEM), competency-based education, and internationalizing the curriculum.

**Presentation Title:**

**Preparing Globally Competent Students in Science,  
Technology, Engineering, and Mathematics (STEM)**

**Abstract:**

This presentation will address the current need for preparing globally competent students in Science, Technology, Engineering, and Mathematics (STEM). The presentation will begin with an introduction to why students need to be prepared to live and work in today's global society.

Following the introduction, common terms and concepts associated with STEM education, globalization and global competency will be reviewed.

Next, the specific needs related to preparing globally competent student in STEM will then be examined in more detail. The needs discussed will relate specifically to globalization, changes in science and technology, and global issues in science and technology. Finally, the presentation will conclude with strategies that can be used to help students become globally competent in STEM.

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