References for Outcomes Assessment

STEM

<u>Assessment of Student Understanding of Program Outcomes in Machine Design Course.</u> Echempati, Raghu. Journal of STEM Education: Innovations & Research, Jan-Jun2007, Vol. 8 Issue 1/2, p41-48, 8p

Graduate school, professional, and life choices: an outcome assessment confirmation study measuring positive student outcomes beyond student experiences for participants in competitive intercollegiate forensics. Rogers, Jack E. Contemporary Argumentation & Debate, Sep2005, Vol. 26, p13-40, 28p

Methods to assess students' acquisition, application and integration of basic science knowledge in an innovative competency-based curriculum. Bierer, S. Beth; Dannefer, Elaine F.; Taylor, Christine; Hall, Phillip; Hull, Alan L. Medical Teacher, Aug2008, Vol. 30 Issue 7, p171-177, 7p, 1 Chart; DOI: 10.1080/01421590802139740

<u>Multifaceted Assessment of Inquiry-Based Science Learning.</u> Ou Lydia Liu; Hee-Sun Lee; Linn, Marcia C. Educational Assessment, Apr-Jun2010, Vol. 15 Issue 2, p69-86, 18p, 5 Charts, 2 Graphs; DOI: 10.1080/10627197.2010.491067

Outcomes Assessment of Engineering Writing at the University of Washington. PLUMB, CAROLYN; SCOTT, CATHIE. Journal of Engineering Education, 7/ 1/2002, Vol. 91 Issue 3, p333-338, 6p, 1 Chart

<u>Assessing K-12 Pre-Engineering Outreach Programs.</u> POOLE, SUSAN J.; DEGRAZIA, JANET L.; SULLIVAN, JACQUELYN F. Journal of Engineering Education, 1/1/2001, Vol. 90 Issue 1, p43-48, 6p, 2 Charts

<u>Using Assessment in General Chemistry Curriculum Redesign.</u> Burke, Barbara A.; Bowen, Ruth J.; Casalnuovo, Joe; Walton, Edward D.; Hiemenz, Paul C.; Millner Jr., Charles N. Assessment Update, Mar/Apr1999, Vol. 11 Issue 2, p1, 4p

<u>How Does Technology-Enabled Active Learning Affect Undergraduate Students' Understanding of Electromagnetism Concepts?</u> Dori, Yehudit Judy; Belcher, John. Journal of the Learning Sciences, 2005, Vol. 14 Issue 2, p243-279, 37p; DOI: 10.1207/s15327809jls1402_3

<u>Assessing numeracy in the primary school.</u> Australian Primary Mathematics Classroom, Oct2004, Vol. 9 Issue 4, p43-44, 2p

Constructive Alignment of Interdisciplinary Graduate Curriculum in Engineering and Science: An Analysis of Successful IGERT Proposals. BORREGO, MAURA; CUTLER, STEPHANIE. Journal of Engineering Education, Oct2010, Vol. 99 Issue 4, p355-369, 15p

Investigating the Effect of 3D Simulation-Based Learning on the Motivation and Performance of Engineering Students. CAROLINE KOH; HOCK SOON TAN; KIM CHENG TAN; LINDA FANG; FOOK MENG FONG; DOMINIC KAN; SAU LIN LYE; MAY LIN WEE. Journal of Engineering Education, Jul2010, Vol. 99 Issue 3, p237-251, 15p

Enhancing Teacher Preparation and Improving Faculty Teaching Skills: Lessons Learned from Implementing "Science That Matters" a Standards Based Interdisciplinary Science Course Sequence. Potter, Robert; Meisels, Gerry. Journal of Science Education & Technology, Jun2005, Vol. 14 Issue 2, p191-204, 14p; DOI: 10.1007/s10956-005-4421-7