

Facilitating [NOT Teaching] the Important Topics – Including Effective Problem Solving

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2008 AAC&U Annual Meeting
January 2008

Essential Learning Outcomes

Phrases associated with the Essential Learning Outcomes from “*College Learning for the New Global Century*”:

- Engagement with Big Questions
- Progressively More Challenging Problems
- Real – World Challenges
- New Settings and Complex Problems

Graduates MUST be Effective Problem Solvers and MUST Get Practice in College to Be Successful

Facilitating vs. Teaching

Facilitating vs. Teaching

Learning Objectives

Student Centered

Engaged Learning

Student Proj. Def'ned.

Open-Ended Assign.

Fairly Rigid Syllabus

Faculty/Mat'l. Centered

Faculty Managed

Faculty Def'ned. Project

“Correct” Assignments

Core Knowledge

To provide time for Introduction of “Big and Complicated Problems,” Need to Identify *Core Knowledge*:

- Enables Identification, Evaluation, and Use of Published Materials
- Enables Meaningful Dialogue with Experts
- Not Learned for Repeating but Learned with Links to Other Important Material to Form a *Usable Vision* Relating the Topics

Effective Problem Solving Skills

For Problem Solving Skills to Be Effective, They Must Include:

- Repeated Self-Assessment
- The Embracing of Ambiguity
- Routine Use for All Situations Faced
- “Looping Back” as Appropriate [NOT Linear Path]

Handouts Have Information Linked to My Personal Procedure, OSCAR

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