

Resources List
Measuring College Level Learning

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Four central questions:

- 1. Are students learning what the faculty expects them to learn?**
- 2. How well are they doing so?**
- 3. How can this learning be demonstrated?**
- 4. How might learning be improved?**
- 5. What evidence do you have about how changes made based on assessment have affected student learning?**

Useful references:

Alverno College, "Learning Outcomes Studies: Educational Research and Evaluation."
http://www.alverno.edu/for_educators/ere_research.html

American Institutes for Research (2006) The Literacy of America's College Students. Washington, D.C. (www.air.org)

Association of American Colleges & Universities, "Greater Expectations."
<http://www.greaterexpectations.org/>

Association of American Colleges & Universities (2005) Liberal Education Outcomes: A Preliminary Report on Student Achievement in College. Washington, D.C. (<http://www.aacu.org>)

Association of American Colleges and Universities Assessment Resources:
<http://www.aacu.org/resources/assessment/index.cfm>

Bakersfield College

http://css.rpgroup.org/view_case.php?CaseID=126 League for Innovation, "Twenty-first Century Learning Outcomes Project." <http://www.league.org/league/projects/pew/index.htm>

Classroom Assessment Techniques Examples
<http://www.chemeng.mcmaster.ca/pbl/pbl.htm>

Council for Aid to Education, "Collegiate Learning Assessment Project."
http://www.cae.org/content/pro_collegiate.htm

Dowd, A.C. "Data Don't Drive: Building a Practitioner-Driven Culture of Inquiry to Assess Community College Performance." A Lumina Foundation Research Report. www.lumina.org

Educational Testing Service (2006). A Culture of Evidence: Postsecondary Assessment of Learning Outcomes – Recommendations to Policymakers and the Higher Education Community. Princeton, NJ (www.ets.org)
(http://www.ets.org/Media/Resources_For/Policy_Makers/pdf/cultureofevidence.pdf)

Florida Atlantic University

<http://iea.fau.edu/assessment/index.htm>

HLC Handbook of Accreditation.

http://www.ncahigherlearningcommission.org/index.php?option=com_content&task=view&id=37&Itemid=82

HLC Assessment of Student Learning.

http://www.ncahlc.org/index.php?option=com_content&task=view&id=58&Itemid=80 see Chapter 3, Criteria for Accreditation

Huba, M.E. & Freed, J.E. (2000). *Learner-centered assessment on college campuses: Shifting the focus from teaching to learning*. Boston: Allyn and Bacon.

Internet Resources for Higher Education Outcomes Assessment

<http://www2.acs.ncsu.edu/UPA/assmt/resource.htm>

Legal Education – Gonzaga University School of Law

<http://www.law.gonzaga.edu/About+Gonzaga+Law/Institute%20for%20Law%20School%20Teaching/Ideas+for+Teaching+Law/Exams+and+Other+Methods+of+Assessment+.asp>

Leskes, A. (2002). “Beyond Confusion: An Assessment Glossary.” American Association of Colleges & Universities, Peer Review. <http://www.aacu.org/peerreview/pr-sp02/pr-sp02reality.cfm>

Maeroff, G.I. (2006). Grading Higher Education. In Beyond the Rankings: Measuring Learning in Higher Education. New York: The Hechinger Institute on Education and the Media.

<http://www.tc.columbia.edu/centers/hechinger/index.asp>

Maki, P.L. (2004). *Assessing for learning: Building a sustainable commitment across the institution*. Sterling, VA: Stylus.

Mueller, J. “Authentic Assessment Toolbox.”

<http://jonathan.mueller.faculty.noctrl.edu/toolbox/index.htm>

National Association of State Universities and Land Grant Colleges. (2006). *Improving Student Learning in Higher Education Through Better Accountability and Assessment*. Washington, D.C.

www.nasulgc.org

National Center for Education Statistics, U.S. Dept. of Education. (2003). *2003 National Assessment of Adult Literacy*.

<http://nces.ed.gov/NAAL/index.asp?file=AboutNAAL/WhatIsNAAL.asp&PageId=2>

National Forum on College-Level Learning.

<http://curry.edschool.virginia.edu/centers/collegelevellearning/>

Practical Assessment, Research, and Evaluation

<http://pareonline.net/>

Rogers, G. “Assessment Planning”

<http://www.abet.org/assessment.shtml#Assessment%20of%20student%20learning%20outcomes>

State Higher Education Executive Officers (2005). *Accountability for Results: A National Imperative for Higher Education*. Boulder, CO. (www.sheeo.org) (http://www.sheeo.org/pubs/pubs_results.asp)

Teaching Goals Inventory

Developed by Angelo & Cross, 1993 (Chpt 2). Online, interactive:

<http://centeach.uiowa.edu/tools.shtml>

UMass Amherst Program-Based Review and Assessment Manual

http://www.umass.edu/oapa/oapa/publications/online_handbooks/program_based.pdf

UMass Amherst Course-Based Review and Assessment Manual

http://www.umass.edu/oapa/oapa/publications/online_handbooks/course_based.pdf

University of Wisconsin, UW-Madison Assessment Manual

<http://www.provost.wisc.edu/assessment/manual/>

University of Virginia

<http://www.virginia.edu/uvatoday/>

Excellent site with sample SLOs by discipline, covert & overt outcomes:
<http://www.web.virginia.edu/iaas/assessment/outcomes.htm>

University of Central Florida
<http://www.fctl.ucf.edu/tresources/content/webresources.htm>

Walvoord, B.E. (2004). *Assessment clear and simple: A practical guide for institutions, departments, and general education*. San Francisco: Jossey-Bass.

Walvoord, B.E., & Anderson, V.J. (1998). *Effective grading: A tool for learning and assessment*. San Francisco: Jossey-Bass. [see especially: chapters 11 & 12]

NPEC Sourcebook on Assessment: Definitions and Assessment Methods for Communication, Leadership, Information Literacy, Quantitative Reasoning, and Quantitative Skills (2005), National Postsecondary Education Cooperative.

General Education:

[AAC&U's Liberal Education Outcomes](http://www.aacu.org/advocacy/pdfs/LEAP_Report_FINAL.pdf) (http://www.aacu.org/advocacy/pdfs/LEAP_Report_FINAL.pdf)

AAC&U's *The Art & Science of Assessing General Education Outcomes*
(<http://www.aacu.org/issues/assessment/index.cfm>)

Benjamin, R. & Hersh, R.H. (2002). Assessing Selected Liberal Education Outcomes: A New Approach. *Peer Review*, Winter/Spring, 11. <http://www.aacu.org/peerreview/pr-sp02/index.cfm>

Gerretson, H. & Golson, E. (2005). Synopsis of the use of course-embedded assessment in a medium sized public university's general education program. *The Journal of General Education*, 54(2), 139-149.

Standardized Measures:

Collegiate Assessment of Academic Proficiency (www.act.org/caap)

Collegiate Learning Assessment Project (http://www.cae.org/content/pro_collegiate.htm)

Measure of Academic Proficiency and Progress (MAPP) (www.ets.org)

Rubrics

Scoring Rubrics: What, When and How? Moskal, Barbara
<http://pareonline.net/getvn.asp?v=7&n=3>

Stevens, D., & Levi, A. (2005) *Introduction to Rubrics*. Stylus. Sterling, VA.

“Elements of a Scoring Rubric”
http://www.intranet.cps.k12.il.us/assessments/Ideas_and_Rubrics/Intro_Scoring/Scoring_Rubrics/scoring_rubrics.html 12/13/2006

Univ. of Wisconsin-Stout rubrics page: <http://www.uwstout.edu/soe/profdev/rubrics.shtml>

Rubric Sampler: http://www.relearning.org/resources/PDF/rubric_sampler.pdf

“Understanding Rubrics”: <http://www.middleweb.com/rubricsHG.html>

MidLink Rubrics <http://www.ncsu.edu/midlink/ho.html>

Rubistar interactive rubric builder: <http://rubistar.4teachers.org/index.php>

Rubrics 4 Teachers: <http://www.rubrics4teachers.com/>

Rubrics for Web Lessons: <http://webquest.sdsu.edu/rubrics/weblessons.htm>

Classroom Assessment Techniques Scoring Rubrics (esp. useful for lg. lecture classes from Field-tested Learning Assessment Guide (FLAG) for science, math, engineering and technology (SMET) instructors: <http://www.flaguide.org/cat/rubrics/rubrics7.php>