Teaching Effectiveness and the Assessment in Higher Education

Dr. Daming Zhang, Professor Department of Industrial Technology California State University, Fresno

Outline

- Accreditation and Assessment System
 - University and College level assessment
 - Department level assessment
 - OIE Office of Instructional Effectiveness
 - Annual Assessment Conference
- Student Learning Assessment and Annual Report
 - SOAP Student Outcomes Assessment Plan
 - Standard exam example
 - Survey examples
 - Annual assessment report
- Class Assessment
 - Syllabus
 - SLOs Student Learning Outcomes
 - Type of Assessment
 - Blackboard Learn and class assessments
- Instructor Assessment
 - Probationary Plan
 - Student rating and peer evaluation of class
 - Annual review
 - RTP Retention, Tenure, Promotion

Accreditation and Assessment System

University and College level assessment

Department level assessment

OIE – Office of Instructional Effectiveness

Annual Assessment Conference

University and College Level

- Who manages universities
- University Accreditation
 e.g. Western Association of Schools and Colleges
- Re-accreditation every 10 years
- Self-study team
 Based on the accreditation of all colleges/programs
- Review team and site-visit
- Provost's responses
- Final accreditation decision

U.S. Department of Education

Search...

Q

Student Loans Grants Laws Data

Accreditation: Universities and Higher Education

Is my school accredited?

Q Look up a school

Information on Accredited Institutions

- · Accredited schools
- · Accredited Internships, residencies, or programs
- · Performance data by accreditor

Accreditor Recognition Criteria and Process

- Overview
- Regulations for recognizing accreditors
- · Guidelines for accreditors
- · Key steps in the accreditor recognition process

Information on Recognized Accreditors

What's New

Written Third Party Comments
—Federal Register Notice for
Agencies Currently Under
Review by Accreditation
Group June 2017

New Guidance for Accrediting Agencies Will Strengthen Transparency and Accountability

Accreditor Dashboards,

How Do I Find...?

- · Student loans, forgiveness
- · College accreditation
- Every Student Succeeds Act (ESSA)
- FERPA
- FAFSA
- 1098-E Tax Form
- More...

Information About...

- · Transforming Teaching
- Family and Community Engagement
- Early Learning
- K-12 Reforms



The Database of Accredited Postsecondary Institutions and Programs

Back to Results

OFFICE OF POSTSECONDARY EDUCATION

Accreditation > History

Institution: California State University - Fresno

General Information

5241 N Maple Ave

Fresno, CA 93740-8027

Phone: 559-278-4240

For more information about this institution, visit www.fresnostate.edu





OPE ID: 00114700

Institutional Accreditation

* denotes an estimated date

Agency Name	Accredited Status	Accredited Date	Current Action & Date of Current Action	Justification for Action	Accreditation Expiration Date
Western Association of Schools and Colleges, Senior College and University Commission	Accredited	01/31/1954	-	-	12/31/2016 ?

Specialized Accreditation

* denotes an estimated date

Agency Name					
Program Name	Accredited Status	Accredited Date	Current Action & Date of Current Action	Justification for Action	Accreditation Expiration Date

Department Level Assessment

- Assessment coordinator(s)
 - Bachelor's program
 - Master's program
- Annual assessment report
 Included as part of the Department Annual Report
- Establish and renew of the SOAP Renew every 5 years
 Post to the university website
- Discuss the results at department meetings
- Close the loop continuous improvement

Office of Instructional Effectiveness

- Led by Associate Vice President
- Provide leadership to assist the university to achieving its mission and goals
 - Provide data about the university
 - Conduct analysis, research, assessment, and evaluation
 - Consulting
 - Communication and education
- Help department assessment coordinators
- Help to do every kind of surveys

Annual Assessment Conference

- Director of Assessment Report to Provost
- Collect department Annual Assessment Report
- Evaluate Annual Assessment Reports from all departments
- Assessment of General Education courses
- Annual Assessment Conference every year Keynote speech Round-table presentations

2. Annual Student Learning Assessment

SOAP – Student Outcomes Assessment Plan

Standard exam example

Surveys examples

Annual assessment report

SOAP – Student Outcomes Assessment Plan

- MOST important document in annual assessment
- Based on Mission Statement
- Establish Goals and SLOs
- Connect courses to SLOs by Curriculum Map
- Set up the Assessment Method
- Connect SLOs to Assessment Methods
- Assessment Timeline
- Close the Loop

Assessment Examples

- <u>Standard Exam</u> example
- <u>Exit Survey</u> example
- Alumni Survey example
- Employer Survey example

Annual Assessment and Report

- Conduct assessment activities every semester according to SOAP
- Scheduled and performed by the department Assessment Coordinator(s)
- Faculty discuss the assessment results several times each semester at the department meetings
- Assessment coordinator(s) write Annual <u>Assessment Report</u>
- Assessment Director's team <u>evaluate</u> the <u>reports</u>

3. Class Assessment

Syllabus

SLOs – Student Learning Outcomes

Type of assessment

Blackboard Learn in class assessment

Class Assessment

- How to know if students learned
 - Very difficult
 - Exams don't tell
- Syllabus
 - Must have for every course
 - Most important course document
- Student Learning Outcomes
 - 3 or 5
 - Defined by Bloom's Taxonomy
 - Link to SOAP

Bloom's Taxonomy

Remembering

 The student can put elements together to form a functional whole, create a Creating new product or point of view: assemble, generate, construct, design, develop, formulate, rearrange, rewrite, organize, devise. The student can make judgments and justify decisions: appraise, argue, Evaluating defend, judge, select, support, evaluate, debate, measure, select, test, verify The student can distinguish between parts, how they relate to each other, and to the overall structure and purpose: compare, Analyzing contract, criticize, differentiate, discriminate, question, classify, distinguish, experiment The student can use information in a new way: **Applying** demonstrate, dramatize, interpret, solve, use, illustrate, convert, discover, discuss, prepare The Student can construct meaning from oral, written and graphic messages: interpret, Understanding exemplify, classify, summarize, infer, compare, explain, paraphrase, discuss The student can recognize and recall relevant knowledge from long-term

> memory: define, duplicate, list, memorize, repeat, reproduce

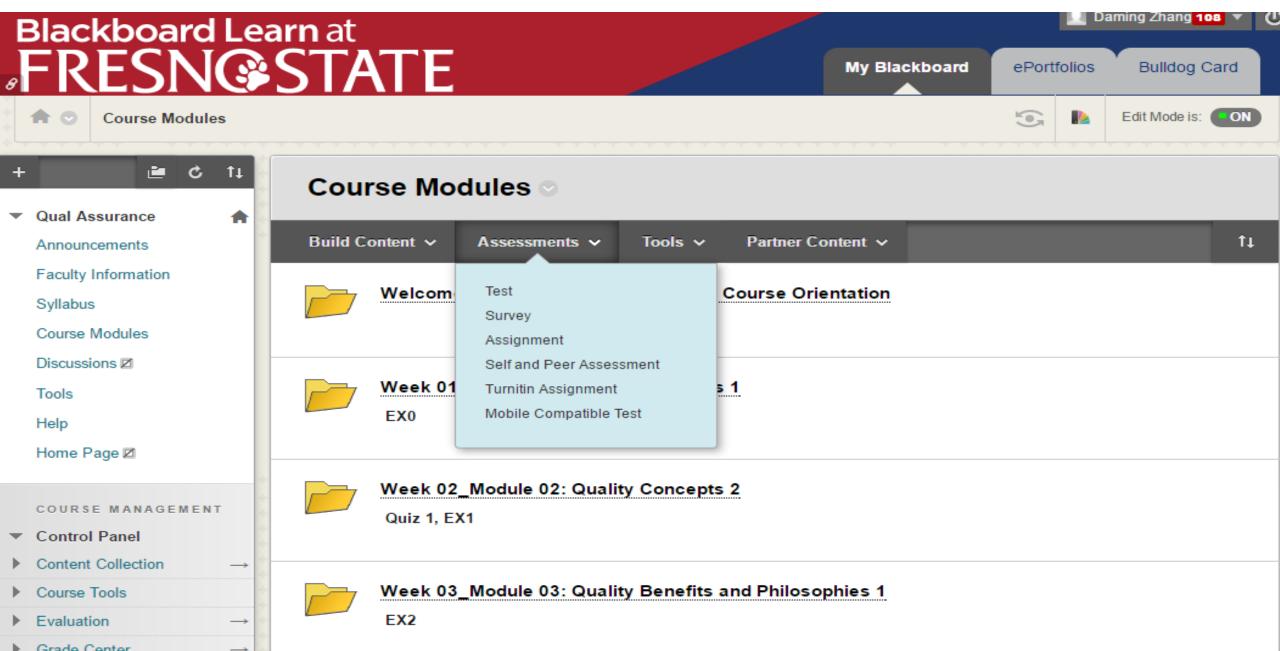
Type of Class Assessment

	Formative Assessment (Assessment for Learning)	Summative Assessment (Assessment of Learning)		
Goal	To improve	To prove		
Purpose To enhance teaching		To examine learning		
Time During instruction		After instruction		
Frequency	Continuous	Periodic		
Role Monitoring teacher's instruction to guarantee the SLOs		Measuring students' performance and giving grades		

Learn Management System (LMS)

- In the higher education market as of fall 2013:
 <u>Blackboard</u> is the leading provider with 41% market share, with <u>Moodle</u>
 (23%), <u>Desire2Learn</u> (11%) and <u>Instructure</u> being the next three largest providers
- Web-based server software which features course management, customizable open architecture, and scalable design
- Main purposes are to add online elements to traditional courses and to develop completely online courses

Assessment in Bb Learn



4. Instructor Assessment

Probationary Plan

Student rating and peer evaluation of class

Annual review

RTP – <u>Retention</u>, <u>Tenure</u>, Promotion

IDEA Student Rating





Services

Resources & Events

Resear

Student Ratings of Instruction

The IDEA Student Ratings of Instruction (SRI) is like no other system available for translating informative course feedback into actionable steps to improve student learning.

Students give feedback on teaching and learning based on their direct course experience, providing faculty with relevant information that when coupled with IDEA's robust resources - such as our research and teaching and learning support - can ultimately guide and strengthen teaching.