

University Senate

September 11, 2013

Christa Walck
Associate Provost

Agenda

Assessment

- Assessing University Student Learning Goals
- Annual Assessment Reporting
- USLG #5 Communication assessed this year
- Becoming a LEAP state

Reminder: Why do we need to do this?

- External accountability – **outcomes** oriented learning
 - U.S. Department of Education
 - State legislatures
 - Regional accreditation agencies: Institutional Effectiveness
- Internal improvement – **process** oriented
 - Develop a culture of assessment to continuously improve student learning
 - Shift from “courses” to “competencies”

ASSESSMENT COUNCIL 2013-4

Chair	Christa Walck, Associate Provost
COE	Leonard Bohmann, Associate Dean Brian Barkdoll (Civil & Env. Eng.)
CSA	John Jaszczak, Associate Dean Karla Kitalong (Humanities)
SBE	Dean Johnson
SOT	John Irwin
SFRES	Andrew Storer
St Aff	Beth Lunde
Lib	Ellen Marks
CTL	Jean DeClerck

University Student Learning Goals

1. Disciplinary Knowledge (aka Degree Program Goals)
2. Knowledge of Mathematics and Physical Sciences
3. Global Literacy & Knowledge of Human Culture
4. Critical and Creative Thinking
5. Communication
6. Information Literacy
7. Technology
8. Values and Civic Engagement

Michigan Tech's Assessment Program

- [University Student Learning Goals](#) – tied to strategic plan
- Degree Program Goals
 - College of Engineering – ABET
 - School of Technology – ABET
 - School of Business & Economics – AACSB
 - School of Forest Resources & Environmental Sciences - SAF
 - College of Sciences & Arts – new program goals 2012/3
 - [Student Affairs Learning Outcomes](#)
- Course Goals
 - Senate → Course Syllabus requirement includes learning outcomes/objectives and IRB assessment language
 - Should map onto Program Goals or University Goals

Learning Goals

GOALS USLG	1 Discip- linary	2 Math & Science	3 Global/ Human Culture	4 Crit/ Creat. Think	5 Comm	6 Info Lit	7 Tech	8 Values & Civic Eng.
Gen Ed Program		X	X	X	X	X		X
Degree Program	X	?				X	X	?
Course	X	?				?		?

Michigan Tech's Assessment **Process**

- Annual assessment reports for *all degree programs are now required*.
 - Two goals must be assessed each year.
 - Emphasis on **embedded, direct** assessment.
 - The annual report provides results of *last year's* assessment (reports due Sept 30, 2013 show results of assessment completed in 2012-3).

Annual Assessment Report 2012-3

- Annual Assessment Reports on *last year's* assessment activities and results for *all degree programs* are due **September 30**.
- Format is available at <http://www.mtu.edu/provost/assessment/reports/>
- Send report to assessment@mtu.edu. Be sure your program name is on the report and in the file name.

Annual Assessment Report 2012-3

DEGREE PROGRAM LEARNING GOALS	ASSESSMENT ACTIVITY	WHEN?	RESULTS 1	ACTION PLANNED WHEN?	RESULTS 2
1	Type: ___ Course Direct ___ Other Direct ___ Indirect Brief description: Target: University Goal:		Date:		Date:
2	Type: ___ Course Direct ___ Other Direct ___ Indirect Brief description: Target: University Goal:		Date:		Date:

Annual Assessment Report 2013-4

- Continue to assess two goals, but
- ...starting this year, one University Student Learning Goal will be assessed **every** year by **each** degree program on the following schedule.
 - 2013-14 Communication
 - 2014-15 Information Literacy
 - 2015-16 Global Literacy & Human Culture
 - 2016-17 Critical Thinking
 - 2017-18 Values & Civic Engagement
- Degree programs need to provide opportunities for students to continue to practice and learn these competencies.

Annual Assessment Report 2013-4

DEGREE PROGRAM LEARNING GOALS	ASSESSMENT ACTIVITY	WHEN?	RESULTS 1	ACTION PLANNED WHEN?	RESULTS 2
1	Type: ___ Course Direct ___ Other Direct ___ Indirect Brief description: Target: University Goal:		Date:		Date:
2 COMMUNICATION	Type: ___ Course Direct ___ Other Direct ___ Indirect Brief description: Target: University Goal:		Date:		Date:

....and so on, until we have completed all USLGs.
Of course, you don't assess the goal once. You review your results, make improvements, and assess it again. And again. *Continuous improvement.*

Annual Assessment Report 2014-5

DEGREE PROGRAM LEARNING GOALS	ASSESSMENT ACTIVITY	WHEN?	RESULTS 1	ACTION PLANNED WHEN?	RESULTS 2
1	Type: ___ Course Direct ___ Other Direct ___ Indirect Brief description: Target: University Goal:		Date:		Date:
2 COMMUNICATION	Type:		Date:		Date: RESULTS of ACTION taken in 2013-4
3 INFORMATION LITERACY	Type:		Date:		

Feedback on Assessment Reports

- All programs will receive feedback from Assessment Council this year using a simple [rubric](#).

Criteria	Score	Explicit	Measurable/Observable
Learning Goal A learning goal specifies what students will know or be able to do when they graduate from the academic degree program.	4	Explicitly defines what student will know or do	Describes an observable and measurable behavior or product
	3	Does not explicitly define what students will know or do; states a broad outcome that needs to be further specified	Describes a potentially observable and measurable behavior or product
	2	Unclear or incorporates multiple outcomes	Describes something for which it is difficult to collect evidence
	1	No learning goals, or focusses on program mission or processes	Does not identify something observable or measurable

Need Help?

- Assessment Help for Faculty:
Jean DeClerck, Instructional Design & Assessment Specialist, jsdecler@mtu.edu
 - writing learning goals
 - developing curriculum maps
 - designing assignments for assessment
 - interpreting feedback
- [Coffee Chat](#) on Assessment
Sept 24, 3:30pm, East Reading Room, Library
- New [webpage](#) on Assessment is underway!

USLG #5 Communication

- Your 2013-4 Annual Report (submitted September 2014) will show **results** of this year's assessment.
- So, this year each degree program needs to
 - determine where students have opportunities to learn how to **communicate** (written & oral), and
 - conduct assessment of student communication.
- This is a task for your departmental curriculum committee.

Communication Goal Committee

Where do students learn **Communication Skills** during their 4+ years at Michigan Tech, in both General Education and major coursework?

→ **Communication Goal Committee**

- Patty Sotirin, Chair & Council Member (HU)
- Karla Kitalong (HU)
- Emma Norman (SS)
- Jim DeClerck (ME-EM)
- Nina Mahmoudian (ME-EM)
- Paul Charlesworth (Chemistry, Senate CPC)

Help with USLG #5 Communication

- The Communication Goal Committee
 - conducted a Lunch and Learn on Communication in March 2013.
 - developed [rubrics](#) for assessing written and oral communication.
 - is preparing a Canvas Course where rubrics and other materials to assist you will be located.
 - will conduct another workshop in **October 2013** to preview the Canvas Course and answer your questions.
- Your department curriculum committee should prepare by developing a **curriculum map**. For some ideas about how to do curriculum map, go [here](#) and click on Developing a Curriculum Map at the bottom of page.

Program Level Student Learning Outcomes



1xx 1xx 2xx 2xx 2xx 3xx 3xx 3xx 4xx Capstone

1	K		A		A			S	A	S
2		K	A	A			A			S
3	K					K		A	S	
4		K			A			S		
5	K					K	A	S		S
6		K			K	A		A	S	
7		S			A	A		S	S	

K= Knowledge/Comprehension; A= Application / Analysis; S= Synthesis /Evaluation

Becoming a LEAP state

American Association of College & Universities (AAC&U) developed [LEAP](#) program (Liberal Education & America's Promise)

- [Essential Learning Outcomes](#)
- [VALUE rubrics for assessment](#)
- [LEAP Campus Network](#)
- [LEAP States Initiative](#)

→ Benchmarking Opportunity

THANK YOU!

- Provost webpage:
www.mtu.edu/provost/office/vice-president/
 - Programs, Policies & Services
 - Resources for Faculty & Administrators
- Christa Walck cwalck@mtu.edu