## UNIVERSITY ASSESSMENT COMMITTEE

# Feedback to Academic Departments on Assessment Activities Reported in $\underline{FY\ 2010}$ Annual Reports $\underline{GRADUATE\ PROGRAMS}$

DEPARTMENT_M.S. in Geological Engineering	DATE	03/28/12	
COMMITTEE MEMBER(S) CONDUCTING REV	/IEW Rox	anne Hurley	& Paul Drechsel
1. STUDENT LEARNING GOALS			
<ul> <li>Were any goals referenced?</li> <li>If so, were goals well articulated?</li> <li>Do goals address student learning?</li> </ul> Comments: The Assessment Plan posted is dated 2004-20 objectives listed under each goal. They are well articular	YES_X_ YES_X_ 005. There a	NO NO nre 3 Student I	
2. ASSESSMENT METHODS			g-
Were any specific assessment methods referenced?  • If so, were specifically chosen assessment		NO	QUALIFIED Y/N
<ul><li>methods appropriately aligned with individual goals?</li><li>Were both direct and indirect assessment</li></ul>		NO	QUALIFIED Y/N
methods used as components of a "multiple measures" approach?	YES_X	NO	QUALIFIED Y/N
Comments: Direct assessment methods are listed (course Surveys (student, alumni & employer) are identified as it 3. ASSESSMENT RESULTS			
Were any assessment results reported?	YES	NO_X_	QUALIFIED Y/N
<ul> <li>If so, were the results clear in terms of how they specifically affirm achievement of goals?</li> <li>If so, were the results clear in terms of how they indicate need for improvement?</li> </ul>	YES	NO_X_	QUALIFIED Y/N
	YES	NO_X_	QUALIFIED Y/N
<ul> <li>Were the results tied to goals for student learning?</li> </ul>	YES	NO_X_	QUALIFIED Y/N
Comments: There is no assessment data reported in the	annual repo	rt for this prog	gram.
4. CLOSING THE LOOP			
Were any actions taken on the basis of assessment results reported?  • If so, do curricular or other improvements/	YES	NO <b>X</b>	_ QUALIFIED Y/N
changes arising from assessment results directly address goals for student learning?	YES	NO	QUALIFIED Y/N

Comments: The Assessment Plan identifies who is responsible and how the "closing the loop" process is to occur. Since there is no data reported we are unable to determine if any "closing the loop" activities occurred.

FINAL

## **SUMMARY**

Strengths  _X A specific plan for assessment is in placeX Student learning goals are well-articulatedX Assessment methods are clearly described Assessment methods are appropriately selected Assessment methods are well-implemented Direct and indirect methods are implemented Results are reported Results are tied to closing the loop.  (Decision-making is tied to evidence.)			Areas for Improvement	
		ticulatedStudent escribedAssessi ately selectedAssessi lementedX_Assessi plementedA singlX_No resiX_Results acc.) (Decisi	No specific plan for assessment is in placeStudent learning goals are not well-articulatedAssessment methods are not clearly describedAssessment methods are not appropriately selectedA single type of assessment methods predominatesA no results are reportedXResults are not clearly tied to closing the loop. (Decision-making is not directly tied to evidence.)	
OVERALL S	SUMMARY AND RE	ECOMMENDATIONS:		
Student Learn	ing Goals and Objectiv	ves. We recommend that results of	pdated in 2004. There are clearly articulated the Assessment Plan be posted in the annual n-making is tied to the assessment results.	
MATERIALS	REVIEWED			
	l report ces (cited in annual repo lease describe)	ort)X Asso X Prev	essment plan (as posted) vious assessment review	
Reviewer(s):	Name Department Phone Number e-mail	Roxanne Hurley Nursing 7-4525 roxanne.hurley@email.und.edu	Paul Drechsel Aerospace 7-4923 drechsel@aero.und.edu	
Section 1:Y_	Section 2:Y	Section 3:N Section 4:	N	
	= yes, this is done appro	opriately and well		

N = no, this is not done at all, or it is not done in relationship to student learning

NA = no information available

? = action or progress is apparent; however, evidence is lacking that this is completely and appropriately done

#### UNIVERSITY ASSESSMENT COMMITTEE

Feedback to Academic Departments on Assessment Activities Reported in <u>FY 2010-11</u> Annual Reports <u>UNDERGRADUATE PROGRAMS</u>

DEPARTMENT B.S. in Geological Engineering		DATE_	03/28/12
COMMITTEE MEMBER(S) CONDUCTING REVI	IEWRo	xanne Hurl	ley, Paul Drechsel
1. STUDENT LEARNING GOALS			
<ul><li>Were any goals referenced?</li><li>If so, were goals well articulated?</li><li>Do goals address student learning?</li></ul>	YES_X_ YES_X_ YES_X	NO NO NO	QUALIFIED Y/N
Comments: UG program outcomes were revised in 2011. T learning goals. The plan is posted on the departmental Asse			d outcomes which address student
In addition to the Departmental goals, please also consider UI (shown in alignment within parentheses). Use 'U' (undergrad to the referenced departmental goals.  X 1 Communication – written or oral ("able to write a X 2 Thinking and reasoning – critical thinking (or "box 3 Thinking and reasoning – creative thinking (or "box 4 Thinking and reasoning – quantitative reasoning — X 5 Information literacy ("be able to access and evaluated of Diversity ("demonstrate understanding of diversited X 7 Lifelong learning ("commit themselves to lifelon X 8 Service/citizenship ("share responsibility both for Comments regarding departmental goals and alignment of goals: Seven of the ES student learning goals are aligned directly identifying understanding of diversity, students in global context".	duate) to ident and speak in va- e intellectually be intellectuall ("apply empiratefor effect ty and use that ag learning") or their communication.	arious setting or curious"; an y creative"; e ical dataan etive, efficien understandir nities and for goals with in epartmental	ential Studies goals which are similar s with a sense of purpose/audience") halyze, synthesize, evaluate) explore, discover, engage) halyze graphical information") ht, and ethical use") hg")  the world")  stitutional and Essential Studies outcomes. While there is no goal
2. ASSESSMENT METHODS			
<ul> <li>Were any specific assessment methods referenced?</li> <li>If so, were specifically chosen assessment methods appropriately aligned with individual</li> </ul>	YES_X	NO	QUALIFIED Y/N
goals?  • Were both direct and indirect assessment	YES_X_	NO	QUALIFIED Y/N
methods used as components of a "multiple measures" approach?	YES_X	NO	QUALIFIED Y/N
Comments: Each student learning outcome has the following	ing clearly art	iculated, spe	cific performance criteria, strategies

Comments: Each student learning outcome has the following clearly articulated, specific performance criteria, strategies, assessment method(s), source of assessment, time of collection. An assessment coordinator reviews the results is clearly articulated. Direct assessment methods such as standardized exams, course exams, course assignments (laboratory reports) and student portfolios are identified. Indirect methods are provided by surveys given to students, their design course instructor, their academic advisor, and their field course instructor. Students also participate in an exit interview with the department chair.

#### 3. ASSESSMENT RESULTS

were	any assessment results reported?	YES	<u>X</u>	NO	QUALIFIED Y/N
	• If so, were the results clear in terms of how they specifically affirm achievement of goals?	YES_	X	NO	QUALIFIED Y/N
	<ul> <li>If so, were the results clear in terms of how they indicate need for improvement?</li> <li>Were the results tied to goals for student</li> </ul>	YES_∑	ζ	NO	QUALIFIED Y/N
	learning?	YES_	<u>X</u>	NO	QUALIFIED Y/N
In add 'U' (u indicaXXXXXXX	nents: Results are reported clearly for each specific leants are achieving the desired learning outcome(s). Resultion to departmental goals, some assessment results mandergraduate) to identify those results which are applicated items, please describe findings in the appropriate set 1 Communication – written or oral ("able to write 2 Thinking and reasoning – critical thinking (or "b 3 Thinking and reasoning – creative thinking (or "b 4 Thinking and reasoning – quantitative reasoning 5 Information literacy ("be able to access and eval 6 Diversity ("demonstrate understanding of diversi 7 Lifelong learning ("commit themselves to lifelor 8 Service/citizenship ("share responsibility both for	asults are any be appeable to in ection belong and speade intellection	clearly blicable ostitution ow k in vactually ctually empirion r effect e that u	e to institutional/Essent rious setting curious"; a creative"; e cal dataar ive, efficier inderstandi	in tonal and Essential Studies goals. Use it is studies goal achievement. For it is go
Comments regarding results and the application of results to departmental, institutional and Essential Studies goals:					
Data :	supports the achievement of student learning goals f	for the a	bove ic	lentified E	S requirements.
4. CI	LOSING THE LOOP				
	any actions taken on the basis of assessment s reported?	YES	_X	_ NO	_ QUALIFIED Y/N
	<ul> <li>If so, do curricular or other improvements/ changes arising from assessment results</li> </ul>				
	directly address goals for student learning?	YES	X	NO	OLIALIFIED Y/N

Comments: The ABET Coordinator evaluated the data and identified that all student learning outcomes were met. A recommendation of no action was made. It is reported that faculty are making revisions to courses in an effort to improve student learning even further.

## **SUMMARY**

	Strengths		Areas for Improvement			
_X A specific plan for assessment is in placeX Student learning goals are well-articulatedX Assessment methods are clearly describedX Assessment methods are appropriately selected X Assessment methods are well-implementedX Direct and indirect methods are implementedX Results are reportedX Results are tied to closing the loop (Decision-making is tied to evidence.)		ticulatedStudent leadescribedAssessment methon plementedAssessment methon pleme	No specific plan for assessment is in place Student learning goals are not well-articulated Assessment methods are not clearly described.			
OVERALL S	SUMMARY AND RI	ECOMMENDATIONS:				
MATERIALS  Annual r Appendi	on the data results and c  REVIEWED  eport ices (cited in annual repe	losing the loop activities. Well done! X Assessn	nent plan (as posted) s assessment review ogram to ABET, Inc. June 2011			
Reviewer(s):	Name Department Phone Number e-mail	Roxanne Hurley Nursing 7-4525 roxanne.hurley@email.und.edu	Paul Drechsel Aerospace 7-4923 dreschel@aero.und.edu			
Section 1: <u>Y</u> _	Section 2: <u>Y</u>	Section 3: <u>Y</u> Section 4: <u>Y</u>	<u>Y</u>			
N NA	= no information availa	all, or it is not done in relationship to sable	tudent learning that this is completely and appropriately done			