UNIVERSITY ASSESSMENT COMMITTEE

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

DEPARTMENT_Forensic Science		·	DATE	March, 2011
COMMITTEE MEMBER(S) CONDUCTING REVI	EW _Bar	bara Comb	s, Eric Joh	nson, Raina Urton_
1. STUDENT LEARNING GOALS				
Were any goals referenced?If so, were goals well-articulated?Do goals address student learning?	YES_X_ YES YES	NO_X	QUALIFI	ED Y/N ED Y/N ED Y/N
Comments:				
Three goals are listed in the assessment plan and annual report forthcoming in 2008 but it is not clear that any changes have The third is geared towards career development and participal. demonstrate familiarity with a broad range of fore concepts 2. demonstrate scientific thought and techniques, and to the forensic sciences 3. participate in activities which will further his or he forensic scientist As noted in the 2007 assessment report these goals are quited what students are expected to know and be able to do. For extechniques and concepts to be learned? What are the particular which students should demonstrate? In addition to the Departmental goals, please also consider Use (shown in alignment within parentheses). 2	been posted. ation by stude ensic science d perform science der developme broad. Addin ample, what dar features of ND's Institute and speak in v intellectually intellectually intellectuall "apply empire	The first two ents appears to fields, technical analysem as a scient gobjectives for does demonstrational and Essemations setting curious setting curious;; analy creative;; arical dataan	appear to be to be volunte ques, and is pertinent ist and or each may rate "familia alysis pertin ential Studie as with a sen lyze, synthe explore, disc alyze graph	e student learning goals. ury. help to clarify specifically arity" entail? What are the tent to forensic sciences s goals for student learning se of purpose/audience") size, evaluate) over, engage) ical information")
5 Information literacy ("be able to access and evalued by Diversity ("demonstrate understanding of diversity and Information Lifelong learning ("commit themselves to lifelong service/citizenship ("share responsibility both for the service of the service o	ty and use that g learning")	nt understandi	ng")	
Comments regarding departmental goals and alignment of a goals:	departmental	goals with in	estitutional d	and Essential Studies
The goals are tied to competencies expected in the field and to goals. However, Forensic Science's goal 2 may be related to goal 3 may address Goal 1: Communication.				
2. ASSESSMENT METHODS				
 Were any specific assessment methods referenced? If so, were specifically chosen assessment methods appropriately aligned with individual 	YES_X_	NO	QUALIFI	ED Y/N
goals? • Were both direct and indirect assessment	YES_X	NO	QUALIFI	ED Y/N
methods used as components of a "multiple	YES X	NO	OUALIFI	ED Y/N

measures" approach?

Comments:

results reported?

The assessment plan provided descriptions of assessments tied to each goal. Both direct and indirect measures were noted including: course grades, "topical" pop quizzes, laboratory reports that are graded using a rubric, internship surveys and supervisor evaluations of the internship, although the internship is elective and so reported results will likely not represent perceptions of all students.

3. ASSESSMENT RESULTS

3. ASSESSMENT RESULTS			
Were any assessment results reported? • If so, were the results clear in terms of how	YES_X_		QUALIFIED Y/N
they specifically affirm achievement of goals?	YES_X	NO	QUALIFIED Y/N
 If so, were the results clear in terms of how they indicate need for improvement? Were the results tied to goals for student learning? 	YES_X_	NO	QUALIFIED Y/N
	YES_X	NO	QUALIFIED Y/N
Comments:			
The annual report provided assessment results for goal 2: descientific analysis pertinent to the forensic sciences. ANTH 3-assessment of this goal (although ANTH 497: Forensic Scien	46: Analysis d	of Forensic Ev	pidence was the primary course for
As noted in the assessment plan and annual report, a course 346 course average for spring, 2009 was 81. We assume that report findings as letter grades thus paralleling the level of a about the use of course grades as an assessment measure. In and cannot pinpoint how or whether a particular goal is met.	this would be cceptability s general they	e equivalent to tated in the as	a grade of B, but it would help to sessment plan. We have a concern
Laboratory report scores were also provided. An average of ANTH 346 spring 2009 laboratory reports was 14.8.	14 indicates t	hat students h	ave met the goal. The average for the
In addition to departmental goals, some assessment results me 'U' (undergraduate) or 'G' (graduate) to identify those results achievement. For indicated items, please describe findings in?1 Communication – written or oral ("able to write a?2 Thinking and reasoning – critical thinking (or "be3 Thinking and reasoning – creative thinking (or "be3 Thinking and reasoning – quantitative reasoning5 Information literacy ("be able to access and evalue6 Diversity ("demonstrate understanding of diversite7 Lifelong learning ("commit themselves to lifelong 8 Service/citizenship ("share responsibility both for	s which are ap the appropri and speak in verintellectually be intellectually ("apply empiratefor effecty ty and use that g learning")	pplicable to in ate section be- various setting y curious"; and ly creative"; e rical dataan. ctive, efficient understandin	stitutional/Essential Studies goal low s with a sense of purpose/audience") alyze, synthesize, evaluate) xplore, discover, engage) alyze graphical information") t, and ethical use") ng")
Comments regarding results and the application of results to	o department	tal, institution	al and Essential Studies goals:
Discussion of results in the annual report indicated "most stuthe observations they have made, but there is some weakness 2 above. Also, information provided in the annual report that the writing of crime lab reports seems to connect with Goal 1	in this area.' related to a	' The drawing	of conclusions may be related to Goal
4. CLOSING THE LOOP			
Were any actions taken on the basis of assessment			

YES_X___ NO___ QUALIFIED Y/N ___

•	If so, do curricular or other im changes arising from assessmedirectly address goals for stud	ent results	YES	NO	QUALIFIED Y/N _X
Comments:					
in favor of m a new goal a and techniqu	ore scientific writing expected imed at student learning was d	of students learning leveloped and may crime laboratory	ng the field replace go with specia	l of forensic sc oal 2: Students Il emphasis on	reduction of more creative writing task ience. The annual report also stated the will be able to describe key concepts the techniques of a trace evident
SUMMARY	Strengths			Areas	s for Improvement
StudentAssessn _Assessn _Direct a _X_Results _Results	ific plan for assessment is in p learning goals are well-articularient methods are clearly descri- nent methods are appropriately nent methods are well-implement and indirect methods are implement are reported. are tied to closing the loop. on-making is tied to evidence.	ated. bed. selected. ented. nented.	No specific plan for assessment is in place. X_ Student learning goals are not well-articulated. Assessment methods are not clearly described. Assessment methods are not appropriately selected. Assessment methods are not well-implemented. A single type of assessment methods predominates. No results are reported. Results are not clearly tied to closing the loop. (Decision-making is not directly tied to evidence.)		
OVERALI	SUMMARY AND RECO	OMMENDATIO	ONS:		
targeted and these goals a Although dir	reviewed annually and change re broad and unpacking goals ect and indirect measures are i	es in the program of and 2 by adding mentioned, it appe	are made i g objectives ears that Al	n light of that i for each may NTH 497, the p	ing. Assessment goals appear to be review. As noted earlier in the report, help to clarify expectations for student orimary course for the student internshi
development methods. We	of a senior exit survey and we	would encourage nt of course grade	the progra	m to develop t	The annual report made reference to the his to round out their assessment projects, exams, papers, that can be
	whether the Assessment Plan soon as possible.	on the web has be	een recently	vupdated and	we encourage the program to upload a
MATERIAI	S REVIEWED				
	l report adices (cited in annual report) (please describe)			sessment plan revious assessi	=
Reviewer(s):	Name Department Phone Number e-mail	Eric E. Johnson School of Law 701-777-2264 ejohnson@law.unc		Barbara Combs Teaching & Lea 701-777-2862 barbaracombs@	Raina Urton rning Student raina.urton@und.edu mail.und.nodak.edu
Section 1: _?	Section 2: _?_ Section	3: _Y Section	on 4: _Y		

Coding Key:

Y = yes, this is done appropriately 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