Eastern New Mexico University Student Learning Assessment Plan/Report – 2008/2009 Department: Health and Human Services - CDIS

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Mission

Program Mission:

The mission of the Communicative Disorders program is twofold:

- 1) To meet the needs of the community and to better serve those having communicative impairments by increasing graduation rates of Master's level speech language pathologists, and....
- 2) To provide a comprehensive outcome-based education supplemented by active learning experiences, both on and off campus to CDIS students at ENMU.

Students obtaining a baccalaureate in CDIS should be academically capable and show proficiency with pre-professional competencies (graduate program pre-requisite skills) in CDIS content areas, basic research, introductory clinical practice, and verbal/written presentation abilities. The comprehensive nature of the undergraduate program, with its emphasis on a broad theoretical foundation in normal and disordered human communication is to prepare students for graduate study in speech/language pathology and/or audiology. Graduate students in CDIS must demonstrate entry-level competence as defined by ASHA accreditation policy and as specified by Knowledge and Skills Acquisition (KASA) learning outcomes. The overall mission of the Graduate program in CDIS is to prepare students for national certification and licensure as practicing speech-language pathologists.

Link to University Mission:

Eastern New Mexico University combines a traditional learning environment with twenty-first century technology to provide a rich educational experience. The CDIS program enhances this mission with its diversified learning formats – we offer ITV/PolyComm courses, online/internet courses, and WebCT enhanced courses each semester. In addition to this, our courses offer maximum flexibility to meet the needs of both traditional and non-traditional students through course offerings in both 8 and 16 week formats with evening and weekend courses available. Eastern emphasizes liberal learning, freedom of inquiry, cultural diversity and whole student life. The ENMU CDIS Program supports these tenets through advanced critical thinking and application tasks during applied learning and life activities, particularly those which work toward the understanding of communicative and cultural diversity (including the diversity of disability). Active learning takes place during case study, laboratory, and clinical practicum exercises, as does scholarship as students design and complete various data-gathering and research activities to improves services to the clients they serve.

Link to College Mission:

The CDIS mission likewise enhances that of the College of Liberal Arts & Sciences in providing courses with content that transcends a wide spectrum of the liberal arts and sciences. Courses address areas such as speech, language(s)/cultural diversity, anatomy/physiology, biology/genetics, acoustics and properties of sound, psychological principles, research, grammar composition/writing, public speaking, and community/client services. As CDIS graduates must provide autonomous services in community based settings, students completing our programs are well prepared for "on your feet" decision making and leadership roles within their occupational placements.

Link to Graduate School Mission:

The mission of the graduate program in CDIS supports that of the Graduate School in multiple ways. The program seeks to encourage research, independent thought, and intellectual/analytical growth by providing up-to-date instruction in the prevention, identification, evaluation, and remediation of speech, language, swallowing, and hearing disorders. The intensive classroom and clinical educational experiences prepare students for state licensure and certification by the American Speech-Language-Hearing Association, and ultimately, to secure successful careers in the field of speech-language pathology and to provide services to clients with communicative disorders.

URL: www.enmu.edu/cdis

Summary of assessment outcomes (2008-2009). Plan of Action for using results to improve learning.

SUMMARY

Our assessment plan measures have been carefully selected to inform our program on the *most* critical bits of knowledge we expect our undergraduates to achieve. Similarly, our graduate outcomes have been selected to aggregate much of the data that we routinely collect from our courses at this level. We are pleased to discover that both undergraduate and graduate outcomes were met once again during this reporting year.

PLAN of ACTION.

Undergraduate Program: Our undergraduate program has produced excellent results for several years now. ENMU will begin offering an online option for the B.S. in CDIS beginning in the summer of 2010 and so revisions to assessment may occur in the next 2010-2011 year.

Graduate Program: Though our outcomes have been met, our data shows us that some of our graduate students continue to struggle with particular aspects of coursework and KASA outcomes attainment, ultimately affecting the timely completion of their graduate degrees. Examination of this data has confirmed our suspicions and shown clear trends: students who must work substantial hours during their matriculation as well as students who enter our program with a history of lower GRE and GPA achievement tend to struggle with their performance while in our graduate program much more so than do the rest of our students (particularly in their first semester). This has led us to make several programmatic changes.

- 1. **Development of a "part-time" graduate track.** We have rearranged our courses so that students may easily extend their 2 year course of study to 3 and 4 years and still progress through the degree plan in an orderly fashion.
- 2. Careful advising. Student records are examined upon acceptance, at mid-term, and at the end of every semester. Professors notify both the graduate coordinator and the student when classroom outcome achievement is in jeopardy during the course of a class. "At-risk" students meet with the graduate coordinator to discuss options which may improve student performance. We now hold graduate student meetings at the start of each fall and spring term to discuss issues with students which may interfere with their successful completion of our program.
- 3. Reconfiguration of course credits/course rotations and development of additional courses and course sequences to support students. The faculty have carefully examined student outcomes achievement and made note of where students seems to struggle most. Curriculum changes were proposed and accepted to allocate additional teaching time to those courses with more challenging or greater volumes of content (either through creating new courses or including an additional credit hour for instruction) beginning in Fall of 2010. We were able to do this without increasing the number of hours required for the degree by examining graduate syllabi to identify areas of reduplicated content and then subsequently eliminating any "double-teaching" in the curriculum. This allowed us to "trim" hours from existing courses to bolster others. We also revised our course rotations to create an "applied research" course sequence and redistributed some of our first semester classes to even out the rigor of new content across fall and spring. We have additionally offered free tutoring for struggling students in both personal and individual formats.

Scoring rubrics and student tracking documents were not attached as our plan is already lengthy. These are available upon request.

Form 2: ASSESSMENT PLAN/REPORT OF STUDENT LEARNING 2008-2009

Measure = Instrumentation/Methodology **Outcome** = Result

Performance Criteria = Minimal standard for successful achievement **Action Taken** = Use of results to improve student learning

PLAN					
Learning Objective #1	Knowledge Outcome: C knowledge of normal dev	Gen Ed. Competency? X_No _ Yes Competency Number _ Accreditation Objective? X_No _ Yes			
Measure(s	s)	Performance Criteria	Timeline/Population		
1A) Classroom based assessment – Students will receptively/expressively identify normal developmental milestones and characteristics of articulatory/phonologic and other speech skills.		1A) 70% of students will create developmental milestone charts with an average grade of C or better.	1A) CDIS 311, 2008-9		
Classroom based assessment – Students will receptively/expressively identify normal developmental milestones and characteristics of multiple language		1B) 70% of students will pass a comprehensive final examination on the development of semantics, morphology, syntax, and pragmatics with a grade of C	1B) CDIS 250, 2008-9		
parameters. 1C) Classroom based assessment - Students will receptively/expressively identify normal development and characteristics of auditory/hearing abilities.		or better. 1C) 70% of students will pass a comprehensive final examination on the development of normal hearing with a grade of C or better.	1C) CDIS 302, 2008-9		
	REPORT				
Finding(s) or Outcome(s) 1A) 100% of students completed this task with \geq C 1B) 87.5% of students passed this exam with \geq C 1C) 91% of students passed this exam with \geq C		Action(s) Taken 1A) Continue plan unchanged 1B) Continue plan unchanged 1C) Continue plan unchanged	Timeline for Action(s) 1A) 2009-10 academic year 1B) 2009-10 academic year 1C) 2009-10 academic year		

		PLAN	
		CDIS undergraduate students will demonstrate requisite	Gen Ed. Competency? X No Yes
Learning Objective #2	knowledge of normal ar	natomy essential to successful communication	Competency Number _
			Accreditation Objective? X No Yes
Measure(s)	Performance Criteria	Timeline/Population
2A) Classroom based assessmen	<u>nt</u> – Identify relevant	2A) 70% of students will pass criterion referenced	2A) CDIS 400, 2008-9
anatomical structures to support the speech process		measures assessing respiration, phonation, and articulation with grades averaging C or better.	
2B) Classroom based assessmen		2B) 70% of students will pass a comprehensive final	2B) CDIS 302, 2008-9
anatomical structures to support the hearing process		examination on hearing anatomy and physiology with a grade of C or better.	
		REPORT	
Finding(s) or Out			
Finding(s) or Outcome(s)		Action(s) Taken	Timeline for Action(s)
2A) 100% of students passed this with ≥ C		2A) Continue plan unchanged	2A) 2009-10 academic year
2B) 100% of students passed this	exam with <u>></u> C	2B) Continue plan unchanged	2B) 2009-10 academic year

PLAN				
Skills Outcome: CDIS undergraduate students will gather and transcribe clinical			Gen Ed. Competency? X No Yes	
Learning Objective #3	data samples.		Competency Number _	
			Accreditation Objective? X No _ Yes	
Measure(s)	Performance Criteria	Timeline/Population	
3A) Classroom based assessmen	t - Independently collect	3A) 70% of students will submit phonetic transcriptions	3A) CDIS 311, 2008-9	
and transcribe a 50 utterance	speech sample using	using IPA graded at 70% or better.		
appropriate phonetics/diacritic	S			
3B) Classroom based assessmen	t - Independently collect	3B) 70% of students will submit a transcription of	3B) CDIS 424, 2008-9	
and transcribe a 50 utterance	language sample	receptive/expressive language graded at 70% or better.		
		REPORT		
Finding(s) or Ou	tcome(s)	Action(s) Taken	Timeline for Action(s)	
3A) 95% of students achieved 70°	% or better as measured	3A) Continue plan unchanged	3A) 2009-10 academic year	
by 100 word phonetic transcription		3B) Continue plan unchanged	·	
3B) 98% of students achieved 70%	% or better as measured		3B) 2009-10 academic year	
by 100 word language sample)		_	

	PLAN				
	undergraduate students will analyze non-disordered according to normal characteristics and features.	Gen Ed. Competency? X_No _ Yes Competency Number _ Accreditation Objective? X_No _ Yes			
Measure(s)	Performance Criteria	Timeline/Population			
4A) <u>Classroom based assessment</u> – Students will analyze the features of normal articulation and phonology.	4A) 70% of students will analyze standard speech productions for normal characteristics and features (e.g., syllable shape, place, manner, voice) with an average grade of C or better.	4A) CDIS 400, 2008-9			
4B) <u>Classroom based assessment</u> – Students will analyze the features of normal receptive and expressive language.	4B) 70% of students will analyze standard language productions for normal characteristics and features (e.g., MLU, MLR) with an average grade of C or better.	4B) CDIS 424, 2008-9			
Classroom based assessment – Students will analyze and interpret normal audiograms and typanograms.	4C) 70% of students will analyze normal audiometric and tympanometric results with 70% accuracy or better.	4C) CDIS 342, 2008-9			
	REPORT				
Finding(s) or Outcome(s)	Action(s) Taken	Timeline for Action(s)			
4A) 100% of students passed this with ≥ C	4A) Continue plan unchanged	4A) 2009-10 academic year			
4B) 100% of students passed this with ≥ C	4B) Continue plan unchanged	4B) 2009-10 academic year			
4C) 88.9% of students passed with ≥ C	4C) Continue plan unchanged	4C) 2009-10 academic year			

	PLAN				
Learning Objective #5 Skills Outcomes: CDIS follow established prof	Gen Ed. Competency? X No Yes Competency Number Accreditation Objective? X No Yes				
Measure(s)	Performance Criteria	Timeline/Population			
5A) <u>Classroom based assessment</u> – Students will exhibit competency with clinical skills needed for supervised delivery of speech and language services.	5A1) 70% of students will follow established professional procedures for administration of speech assessment tasks	5A1) CDIS 311, 2008-9			
	5A2) 70% of students will follow established professional procedures for administration of language assessment tasks	5A2) CDIS 424, 2008-9			
	5A3) 70% of students will follow an established therapy plan of care for speech or language intervention during supervised clinical services	5A3) CDIS 444, 2008-9			
5B) <u>Classroom cased assessment</u> – Students will exhibit competency with clinical skills needed for supervised delivery of hearing services.	5B) 70% of students will demonstrate adequate performance on hearing assessment tasks	5B) CDIS 446, 2008-9			
	REPORT				
Finding(s) or Outcome(s)	Action(s) Taken	Timeline for Action(s)			
5A1) 100% of students achieved this objective	5A1 Continue plan unchanged	5A1) 2009-10 academic year			
5A2) 100% of students achieved this objective	5A2) Continue plan unchanged	5A2) 2009-10 academic year			
5A3) 100% of students achieved this objective	5A3) Continue plan unchanged	5A3) 2009-10 academic year			
5B) 100% of students achieved this objective	5B) Continue plan unchanged	5B) 2009-10 academic year			

			PLAN		
	Skills Outcome: CDIS u	nderg	raduate students will communicate effectively	Gen	Ed. Competency? X No _ Yes
Learning Objective #6	using both oral and literate venues.				petency Number _ editation Objective? X No _ Yes
Measure(s	5)		Performance Criteria		Timeline/Population
6A) Classroom based assessment – Students will exhibit competency with oral reporting.		6A1)	70% of students will prepare and present an informational session on communicative disorders with a grade of C or better.	6A1)	CDIS 311/424, 2008-9
		6A2)	70% of students will prepare and present a verbal report to the clinical supervisor with a grade of B or better.	6A2)	CDIS 444, 2008-9
6B) Classroom based assessment competency with written report		6B1)	70% of students will complete research journal summaries with an average grade of C or better	6B1)	CDIS 400/421, 2008-9
	ŭ	6B2)	70% of students will complete a senior project research paper with an average grade of C or better	6B2)	CDIS 434, 2008-9
		6B3)	70% of students will construct measurable long term goals and short term objectives with an average grade of B or better	6B3)	CDIS 443, 2008-9
		6B4)	70% of students will compose therapeutic progress reports with an average grade of B or better	6B4)	CDIS 444, 2008-9
			REPORT		
Finding(s) or Out	come(s)		Action(s) Taken		Timeline for Action(s)
6A1) 100% of students passed this by final presentation for CDIS		6A1)	Continue plan unchanged	6A1)	2009-10 academic year
6A2) 100% of students achieved the better	nis objective at B or	6A2)	Continue plan unchanged	6A2)	2009-10 academic year
6B1) 100% of students passed this		6B1)	Continue plan unchanged	6B1)	2009-10 academic year
6B2) 100% of students passed this			Continue plan unchanged		2009-10 academic year
6B3) 90% of students completed by final exam item analysis		6B3)	Continue plan unchanged	6B3)	2009-10 academic year
6B4) 100% of students achieved the of B or better	nis objective with a grade	6B4)	Continue plan unchanged	6B4)	2009-10 academic year

PLAN						
Learning Objective #7	CDIS undergraduate stu	Idents will show pre-requisite competence and readiness	Gen Ed. Competency? X No Yes			
	for graduate study		Accreditation Objective? X No _ Yes			
Measure(s)	Performance Criteria	Timeline/Population			
7A) Classroom-based assessmen	nt – Students will	7A) 70% of students will score >70% on a comprehensive	7A) CDIS 444, 2008-9			
demonstrate proficiency with		multiple-choice examination of core component				
curricula "essential knowledge	e outcomes."	undergraduate criteria (graduate pre-requisites)				
	REPORT					
Finding(s) or Outcome(s)		Action(s) Taken	Timeline for Action(s)			
7A) 100% of students scored >70% (other results pending)		7A) Continue plan unchanged; discuss moving exam to	7A) 2009-10 academic year			
		different course in 2010-2011				

PLAN					
Learning Objective #8 cour	CDIS graduate students will demonstrate entry-level competence in academic coursework and on Knowledge and Skills Assessment criteria (KASA) as established by ASHA.		Com	Gen Ed. Competency? X_No _ Yes Competency Number _ Accreditation Objective? _ No X Yes	
Measure(s)	-	Performance Criteria		Timeline/Population	
8A) <u>Classroom based assessment</u> – Stu show proficiency with core curricular presented in CDIS coursework		8A) 70% of CDIS grades earned will be completed at a "B" or better (practicum excluded)	8A)	All 2008-9 CDIS grad classes	
8B) Classroom based/field assessment – Students will show proficiency with knowledge and skills outcomes (KASA)		8B1) 75% of students will show entry-level competence on knowledge and skills outcomes during initial summative measurement (i.e., on their first attempt). Less than 25% will require any form of remediation plan.	8B1)	All CDIS grads; KASA progress in 2008-9	
		8B2) Less than 25% of CDIS grad students will require comprehensive examinations to address unresolved remediation plans	8B2)	CDIS graduation candidates; KASA progress in 2008-9	
		8B3) Less than 25% of CDIS grads will begin internship placements with unresolved remediation plans	8B3)	CDIS 2 nd year students; KASA progress in 2008-9	
		REPORT			
Finding(s) or Outcome(s	5)	Action(s) Taken		Timeline for Action(s)	
8A) 84% of CDIS grades earned were of "B" or better level (practicum was ex		 Even though we met this outcome as stated, we noted that a of our CDIS students earned a C in at least one course during the 2008-2009 academic year 	ar.	8A) 2009-10 academic year	
		Though non-degree students are included in this number, we this statistic to be somewhat disturbing: almost half of our students last year will be re-taking one of their courses. Our student degree plans and course offerings are set up in such way as to allow for re-takes without re-formulating the student degree plan in most cases and so graduate will not be delay for most; however, we still find this number appalling. Steps have taken to eliminate this failure are explained in our plan action summary at the beginning of this document.	n a nt's red s we		
KASA outcomes for that coursework; 5% required some form of remediation plan		31) Though pleased with our outcomes achievement, we do continue to refine this process and the KASA Outcome checklist (see strategic plan Goal 3, Outcome 1D); B2) Continue plan unchanged		8B1) 2009-10 academic year	
use comprehensive exams to addr outcomes.	ess unresolved			8B2) 2009-10 academic year	
8B3) 5% of CDIS grads entering internsh during 2008-9 had remediation plan		B3) Continue plan unchanged		8B3) 2009-10 academic year	

	PLAN					
	CDIS graduate students	Gen Ed. Competency? X No Yes				
Learning Objective #9	methodology.		Accreditation Objective? _ No X Yes			
Magazza	-1	Porformana Critoria	Timeline/Demulation			
Measure(,	Performance Criteria	Timeline/Population			
Students will complete special project research		 9) 90% of students will complete special project research and presentation/paper requirements as specified in the CDIS research scoring rubric (grade of B or better). 	9) Graduating students in 2008-9			
		REPORT				
Finding(s) or Ou	tcome(s)	Action(s) Taken	Timeline for Action(s)			
9) 100% of students graduating du completed their special project grade of B or better.		9) Though we meet this goal consistently, our students continue to show some difficulty with the implementation of EBP principles and application of research to practice. This has led us to develop an applied research sequence of courses beginning in F10.	9) 2009-10 academic year			

		PLAN	
Learning Objective #10		s will demonstrate overall programmatic competence the capstone portfolio project.	Gen Ed. Competency? X No Yes Accreditation Objective? _ No X Yes
Measure(s) 10) Students will complete portfolio projects		Performance Criteria 10) 90% of students will complete portfolio and portfolio presentation requirements as specified in the CDIS portfolio scoring rubric without re-submission (pass on initial attempt according to rubric scoring).	Timeline/Population 10) Graduating students in 2008-9
		REPORT	
Finding(s) or Ou 10) 100% of students graduating academic year successfully " and portfolio presentation requires submission	during the 2008-9 passed" their portfolio	Action(s) Taken 10) Continue plan unchanged	Timeline for Action(s) 10) 2009-10 academic year

	PLAN				
Learning Objective #11	CDIS graduate students extenuating circumstan	Gen Ed. Competency? X No Yes Accreditation Objective? _ No X Yes			
Measure(s) 11A) Students will graduate within established degree plan requirements (unless initiating changes for personal reasons).		Performance Criteria 11A) 70% of students will graduate according to their initial degree plans as specified by the CDIS Program Director	Timeline/Population 11A) All students scheduled to graduate in 2008-9 by initial degree plan		
		REPORT			
Finding(s) or Out 11A) 82% of students scheduled to so (i.e., on-time) Additional Data: 11AD1) 12% of all CDIS students at the end of 2008-9 had program/had to revise de had to re-take classes; 8 program in 2008-9 are "o graduation as established plans formulated at admit 11AD2)12% of students in the CD 2008-9 were suspended by the graduate school 11AD3) 0% of students in the CDI 2008-9 were suspended of re-admission	in the graduate program prolonged their gree plans because they 8% of all students in the in-track" for timely d by their initial degree ssion PIS Grad Program in but re-admitted	Action(s) Taken 11A) We have made changes to course rotations and the number of hours allotted to certain content areas to improve this rate. We have also implemented a part-time option and added extra advising for "at-risk" students so that we can avoid matriculation delays as much as possible. No report neededThis is just the reporting of additional data for programmatic longitudinal (trend analysis) use.	Timeline for Action(s) 11A) 2009-10 academic year		

PLAN					
Learning Objective #12		CDIS graduate students will pass the National Examination in Speech/Language Pathology & Audiology (NESPA) exam.			
Measure	(s)	Performance Criteria	Timeline/Population		
12) Students will pass the NESP	Α.	12) 70% of students will pass the NESPA upon initial sitting	12) Graduating students in 2008-9		
		REPORT			
Finding(s) or Ou 12) 100% of CDIS graduate stude 2008-9 passed the NESPA or	ents taking the exam in	Action(s) Taken 12) Our teaching works! Continue plan unchanged.	Timeline for Action(s) 12) 2009-10 academic year		

Form 3: DETAILED ACTION PLANS and PLANNED CHANGES

Listed below are the improvements in the program over the past year that have resulted from the above assessment findings.

Change	es to Plan:	Implemented Changes	Planned Changes					
1.	Revise Student Outcome Objective(s)	√ (# of Cs)						
2.	Revise Measurement Approach(es)		$\sqrt{\text{(online courses)}}$					
3.	Collect and Analysis Additional Data and Information		$\sqrt{\text{(include practicum and online)}}$					
4.	Change Method(s) of Data Collection		√ (online courses)					
5.	Change Timetable for Data Collection							
6.	Other planned change(s)							
Change	es to Academic Processes:	Implemented Changes	Planned Changes					
1.	Modify Frequency or Schedule of Course Offerings	. v	√ (undergrad/grad catalog changes)					
2.	Make Technology Related Improvements		√ (adding clickers)					
3.	Make Personnel Related Changes		√ (adding faculty)					
4.	Implement Additional Training							
5.	Revise Advising Standards or Processes	√ (grad and undergrad)						
6.	Revise Admission Criteria							
7.	Other Implemented or planned change(s)							
Change	es to Curriculum:	Implemented Changes	Planned Changes					
1.	Revise and/or Enforce Prerequisites		$\sqrt{\text{(remove some from undergrad)}}$					
2.	Revise Course Sequence	$\sqrt{}$	√ (grad/undergrad catalog changes)					
3.	Revise Course Content	√ (504)	√ (research sequence and 504)					
4.	Add Course(s)		$\sqrt{\text{(preclinical, 590, and research sequence)}}$					
5.	Delete Course(s)		√ (clinical management)					
6.	Other implemented or planned change(s)							

Form 4: CURRICULAR MAP OF STUDENT LEARNING OBJECTIVES/OUTCOMES

Enter course numbers across the top of the matrix. Below, indicate where the targeted outcome is "introduced," "emphasized," "reinforced," or "assessed."

I = Outcome is introduced

E = Outcome is emphasized

R = Outcome is reinforced

A = Outcome is assessed

Undergraduate Program

Course numbers -	143	250	252	300	302	311	332	342	400	421	424	434	443	444	444	446
UG Outcome 1A	I	E				R, A										
UG Outcome 1B	I	E, A					R									
UG Outcome 1C					I,E,A			R								
UG Outcome 2A	ı			E					R, A							
UG Outcome 2B					I,E,A			R								
UG Outcome 3A			I, E			R, A			R							
UG Outcome 3B		I					R				E, A			R		
UG Outcome 4A			I			Е			R, A							
UG Outcome 4B		I					R				E, A			R		
UG Outcome 4C								I,E,A								R
UG Outcome 5A1						I,E,A							R	R		
UG Outcome 5A2							I				E, A		R	R		
UG Outcome 5A3	ı					Е	E				R		R	R, A		
UG Outcome 5B								I, E								E, R
UG Outcome 6A1			I, E			Е					Α					
UG Outcome 6A2	ı												E, R	R, A		
UG Outcome 6B1	I					Е	Е			Α	E					
UG Outcome 6B2	I							E				E, A				
UG Outcome 6B3	I					Е	Е						Α			
UG Outcome 6B4						I	1						E, R	R, A		
UG Outcome 7A														Α		

Enter course numbers across the top of the matrix. Below, indicate where the targeted outcome is "introduced," "emphasized," "reinforced," or "assessed."

I = Outcome is introduced

E = Outcome is emphasized

R = Outcome is reinforced A = Outcome is assessed

Graduate Program

Course numbers -	500	501	502	503	506	511	512	516	517	525	526	527	528	530	531	532
Gr Outcome 8A	See a	ttached	sample -	- KASA	Checklis	t: One c	of these i	is comple	eted for	each gra	aduate s	tudent in	the pro	gram.		
Gr Outcome 8B1	One of these is completed for each graduate student in the program and is updated at the end of each semester.															
Gr Outcome 8B2	This fo	This form will specify which outcomes are measured in the course listed in this table.														
Gr Outcome 8B3																
Gr Outcome 9																
Gr Outcome 10																
Gr Outcome 11A																
Gr Outcome 12																
Course numbers -	540	550	554	565	589											
Gr Outcome 8A																
Gr Outcome 8B1																
Gr Outcome 8B2																
Gr Outcome 8B3																
Gr Outcome 9																
Gr Outcome 10																
Gr Outcome 11A																
Gr Outcome 12																

Form 5: PROGRAM LONGITUDINAL ASSESSMENT DATA

We have no data available for AY 04-05

Outcome	AY05-06	AY06-07	AY07-08	AY08-09	AY09-10
UG Outcome 1A	Not an outcome	M	М	M	
UG Outcome 1B	Not an outcome	M	М	M	
UG Outcome 1C	Not an outcome	M	М	M	
UG Outcome 2A	Not an outcome	M	М	M	
UG Outcome 2B	Not an outcome	M	М	M	
UG Outcome 3A	Not an outcome	M	М	M	
UG Outcome 3B	Not an outcome	PM	М	M	
UG Outcome 4A	Not an outcome	М	M	М	
UG Outcome 4B	Not an outcome	PM	М	М	
UG Outcome 4C	Not an outcome	M	М	М	
UG Outcome 5A1	Not an outcome	M	М	М	
UG Outcome 5A2	Not an outcome	PM	М	М	
UG Outcome 5A3	Not an outcome	М	M	M	
UG Outcome 5B	Not an outcome	М	M	M	
UG Outcome 6A1	Not an outcome	М	M	M	
UG Outcome 6A2	Not an outcome	М	M	M	
UG Outcome 6B1	Not an outcome	М	M	М	
UG Outcome 6B2	Not an outcome	М	M	M	
UG Outcome 6B3	Not an outcome	М	M	M	
UG Outcome 6B4	Not an outcome	М	M	M	
UG Outcome 7A	NM	М	M	М	
Gr Outcome 8A	Not an outcome	М	M	M	
Gr Outcome 8B1	Modified	NM	M	M	
Gr Outcome 8B2	Not an outcome	M	М	М	
Gr Outcome 8B3	Not an outcome	M	М	М	
Gr Outcome 9	Not an outcome	М	M	М	
Gr Outcome 10	Not an outcome	M	М	М	
Gr Outcome 11A	Not an outcome	М	М	М	
Gr Outcome 12	Not an outcome	M	M	M	