UTRioGrandeValley
Office of Accreditation and Assessment

Core Assessment Sampling Plan Fall and Spring 2016-2017

<u>**Two Part High Enrollment Courses**</u>

1. **Two part core courses with high annual enrollment should assess in the semester with the highest enrollment. To identify the most representative sample, students would be selected from all sections. See English example below.**

Fall 2016

FCA	Core Course	Course Title	Sched Type	Total Enr	Num Sections
10	ENGL1301	Rhetoric & Composition I	LEC	[a]1,901	78
10	ENGL1302	Rhetoric & Composition II	LEC	1,182	50

a. Assess ENGL 1301 fall semesters. These are data from AY 2016-2017.

Annual minimum number of artifacts to be collected for ENGL 1301 = 185

Spring 2016

FCA	Core Course	Course Title	Sched Type	Total Enr	Num Sections
10	ENGL1301	Rhetoric & Composition I	LEC	828	34
10	ENGL1302	Rhetoric & Composition II	LEC	[b]2,052	83

b. Assess ENGL 1302 spring semesters. These are AY 2015—2016 enrollment numbers.

Annual minimum number of artifacts to be collected for ENGL 1302 = 185

<u>*Note on sample size:*</u> In the example above, ENGL 1301 has a combined annual enrollment of approximately 2,700. The minimum sample size would be 185 (see table 1).

Alternative: ENGL 1301 and ENGL 1302 could assess each semester using the approach described in number 2 below; however, the minimum annual sample size would remain 185.

Other High Enrollment Courses

2. **Core courses with high enrollment should be sampled each semester. To identify the most representative sample, students would be selected from all sections. See MATH 1342 example below.**

Fall 2016

FCA	Core Course	Course Title	Sched Type	Total Enr	Num Sections
20	MATH1342	Elementary Statistical Methods	LEC	[c]1,425	38

c. These are data from AY 2016-2017.

Spring 2016

FCA	Core Course	Course Title	Sched Type	Total Enr	Num Sections
20	MATH1342	Elementary Statistical Methods	LEC	[d]1,047	28

d. These are data from AY 2015-2016.

Annual minimum number of artifacts to be collected for MATH 1342 = 182

<u>*Note on sample size:*</u> In the example above, MATH 1342 has a combined annual enrollment of approximately 2,400. The minimum annual sample size would be 182 (see table 1).

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Low Enrollment Courses

3. **Core courses with low annual enrollment should assess all or most students in each section each semester. See MATH 1324 example below.**

Fall 2016

FCA	Core Course	Course Title	Sched Type	Total Enr	Num Sections
20	MATH1324	Math for Business & Soc Sci	LEC	[e]54	2

e. A sample of about 40 students would be included in the data collection for this semester.

Spring 2016

FCA	Core Course	Course Title	Sched Type	Total Enr	Num Sections
20	MATH1324	Math for Business & Soc Sci	LEC	[f]15	1

f. All students will be included in the data collection for this semester.

Annual minimum number of artifacts to be collected for MATH 1324 = 52

Note on sample size: In the example above, MATH 1324 has a combined annual enrollment of approximately 70. The minimum annual sample size would be 52 (see table 1).

Contact Thelma Leal, Sr. Institutional Research Associate in the OAA for assistance with sampling

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October 13, 2016

Table 1 Minimum Number to Assess by Enrollment		
Annual Enrollment	**Minimum Number to Assess Annually***	**Recommended Number to Assess Annually****
3,500	186	347
3,000	185	341
2,500	182	334
2,000	179	323
1,500	174	306
1,000	165	278
750	156	255
500	142	218
450	137	208
400	132	197
350	126	184
300	119	169
250	111	152
200	100	132
150	86	109
125	77	95
100	67	80
75	55	63
70	52	60
60	47	53
50	40	45
40	34	37
30	27	28
20	19	20
*Margin of error .07, confidnence level = 95%		
**Margin of error = .05, confidence level = 95%		

October 13, 2016