

Assessment Update for Math 111, 112, 123, 2010-2011.

## Concurrent Enrollment Assessment Plan

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Universities recommend that any high school student who wishes to attend any

university or college should take four years of mathematics in high school. Three years of

mathematics should be minimal preparation. The first college level course in mathematics at any university in the world is Calculus. All other courses before Calculus are remedial whether or not credit is given for those courses. Wichita State University's general education basic skill requirements in mathematics for graduation came from the realization that most of our students did not enroll initially with have enough prior training in

the final does not have to be the same as the university final but the assessment and grading weight are the same. Finals that are different from the one given by the university are approved by the College Algebra Program Director. These classes will be included in any overall assessment of college algebra courses. Comparisons will be made between these classes, university classes, and those concurrent enrollment classes using the university final. The university's SPTE assessment is used to assess each concurrent enrollment class to evaluate student perception of the instructor and course. In addition, any high school assessment of student learning outcomes that is part of a concurrent enrollment course will be requested from the school and compared with our own assessments.

The prerequisites for university College Algebra classes are two years of high school

algebra or equivalent and a satisfactory score on the department placement exam or math ACT exam or math SAT exam. Satisfactory scores have been determined to be 15 of 32

university class section in College Algebra uses the same book and materials. Each concurrent enrollment section in each school district uses the same text. Although textbooks may be different from ours and differ from district to district, this is not a

our courses and cover the same material. The university course syllabus for College Algebra (together with the goals and outcomes) are distributed to the high school concurrent enrollment teachers as well as both sample finals and previous university course finals. Concurrent enrollment teachers are encouraged to utilize as much of this material as is possible. One or two meetings (training sessions) have been held each year since 2006 with all the mathematics concurrent enrollment teachers. Course procedures,

**Spring 2011**

Concurrent 111      14 classes

Concurrent 112      13 classes

Concurrent 123      1 class

WSU 111              14 classes

WSU 112              2 classes

WSU 123              3 classes

**Fall 2010**

There were no Concurrent classes Fall 2010

WSU 111              19 classes

WSU 112              2 classes

WSU 123              1 class

**SPRING 2011 Percentages for WSU Math 1**

**Transcript Grade**

# of Students	Grade A	Grade B	Grade C
65	5	8	14

Passed with C or better:

Passed with C or better minus drops/withdr.

**Final Test G**

# of Students	Grade A	Grade B	Grade C
65	2	5	6

Passed with C or better:

Passed with C or better minus drops/withdr

**Out of 65 students**

Current Qualifying Place/ACT/SAT Score	8	= 12%	1
Beginning Algebra (previously)	4	= 6%	1
Intermediate Algebra (previously)	9	= 14%	1
Beg. & Int. Algebra (previously)	20	= 31%	1
Repeats	37	= 57%	1
Authorizations	65	= 100%	1
Enrolled Students (at finals)	50	= 77%	1
Final Test 50% +	27	= 42%	1
Final Test 0-49%	10	= 15%	1
Final Test No Show	12	= 18%	1
F/N/S that had Qualifying Prereqs/Scores	4	= 6%	1
Withdraw/Prereqs	2	= 3%	1
Withdraw/No Prereqs	6	= 9%	1
Withdraw/Old Prereqs	7	= 11%	1

**Out of 4:**

Current Qualifying Pla

Beginning Algebra

Intermediate Algebr

Beg. & Int. Algebra

Repeats

Authorizations

Enrolled Students

Final Test 50% +

Final Test 0-49%

Final Test No Sho

F/NS that had Qu

Math 012 NCR Stud

Passed

Withdraw

Failed

**SPRING 2011 Percentages for CONCURRENT Math 111 Grades**

Transcript Grade Distribution

# of Students	Grade A	Grade B	Grade C	Grade D	Grade F	Drp / Wd	INC	Audit
135	48	65	18	1	0	3	0	0
Passed with C or better:							131	= 97%
Passed with C or better minus drops/withdraws:							131	= 99%



SPRING 2011 Percentages for

Transc

# of Students	Grade A	Grade B	C
612	126	154	

Passed with C or better:

Passed with C or better minus die

#

Pa  
Pa  
Pa

# of Students  
221

Passed with  
Passed with  
Passed with  
Passed with

#

Pa  
Pa  
Pa  
Pa

S

# of Students	Grade A
124	

Passed with C or be  
Passed with A:  
Passed with B:  
Passed with C:

**SPRING 2011 Percentages for CONCURRENT Math 123 Grades**

# of Students	Grade A	Grade B	Grade C	Grade D	Grade F	Drp / Wd	INC	Audit
30	11	9	7	3	0	0	0	0

Passed with C or better: 27 = 90%  
 Passed with A: 11 = 37%  
 Passed with B: 9 = 30%  
 Passed with C: 7 = 23%

**SPRING 2011 Percentages for WSU and CONCURRENT Math 123 Grades**

# of Students	Grade A	Grade B	Grade C	Grade D	Grade F	Dp / Wd	INC	Audit
154	37	34	20	13	27	23	0	0

Passed with C or better: 91 = 59%  
 Passed with A: 37 = 24%  
 Passed with B: 34 = 22%  
 Passed with C: 20 = 14%