

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 3 classes

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%