Math 1111 Curriculum Committee minutes from the Jan 21, 2005 meeting.
Dunwoody Room E-1220

Members Present: Ann Crowson, Calandra Davis, Mary Sue Hall, Jackie Spann, Wilma Boulware, Karlene Feller, Mattie Booker
Absent: Dennis Russell, Rodney Hunter, Kim Bennett

Math 1111 Charges

(1) Monitor the effects of the changes in the course and continue to coordinate with the Math 1113 Committee.

A survey was created to do this. Calandra Davis typed the survey up.
MS Hall was to collect responses.

(2) Consider chasing down the assessment data so we can write a report. I’m told that the LS Committee did that and was able to get results. This should be completed in the Fall.

This was done and found not to be available.

(3) Write an assessment instrument that will be used in the 2005-2006 year. This should be completed in the spring and distributed to the various campuses, so that it could be administered the next fall.

The old assessment was reviewed and revised.

The next meeting will be Faculty Development day. 3-02-05 in B-2100

MATH 1111 (College Algebra) Content Survey

The MATH 1111 Committee is attempting to monitor the effects of the changes to the MATH 1111 curriculum that were effective fall semester 2004. Those changes included the addition of the topics matrices, nonfunction parabolas, and circles. The results of this survey will be used to assist the committee in clarifying the depth of coverage of these topics in MATH 1111.

Please complete the items with an asterisk (*) only if you taught MATH 1111 in the fall semester of 2004.

1. (*) Were you able to cover all of the sections included in the college algebra Fall 2004 Teaching Guide? YES

2. (*) Can you effectively cover all of the sections included in the college algebra Fall 2004 Teaching Guide? YES

   Concerning matrices...

3. Do you believe MATH 1111 students should be required to solve a system of 3 or more linear equations using only calculator assistance (i.e., not by hand)? YES
4. Do you believe MATH 1111 students should be required to solve a system of 3 or more linear equations using the Echelon method without calculator assistance? YES (NOT MORE THAN SYSTEM OF 3)

**Concerning nonfunction parabolas…**

5. Do you believe MATH 1111 students should be required to find the vertex and axis of symmetry for nonfunction parabolas of the form \( x = a(y - h)^2 + k \)? YES

6. Do you believe MATH 1111 students should be required to find the vertex and axis of symmetry for nonfunction parabolas of the form \( x = ay^2 + by + c \)? YES

7. Do you believe MATH 1111 students should be required to learn about and determine the focus and directrix for function parabolas? YES

8. Do you believe MATH 1111 students should be required to learn about and determine the focus and directrix for nonfunction parabolas? YES

**Concerning circles…**

9. Do you believe MATH 1111 students should learn to find the radius and center of a circle written in the form \( (x - h)^2 + (y - k)^2 = r^2 \)? YES

10. Do you believe MATH 1111 students should learn to find the radius and center of a circle written in the form \( x^2 + ax + y^2 + by = c \)? YES

11. Do you believe MATH 1111 students should be required to find the equation of a circle given its center and radius? YES

12. Do you believe MATH 1111 students should be required to find the equation of a circle given its center and one other point on the circle? YES

**Additional comments:**