**Minutes**

**Present**

Marilyn Behringer, Bill Blanken, Ashley Calhoun (for S. Trimble), Jim Chin, Lore Dobusch, Toni Ensz, Kate Fourchy, Nancy Frampton, Pam Gilmore, Robin Huigen, Cynthia MacDonald, Jon McPhee, David Nippoldt, Ron Reimer, David Richey, Amanda Taintor, Sheryl Young-Manning

**Absent**

Nicholas Deftereos, Tom West

**Visitors**

Garry Elliott, Kelly Fowler, Nancy Marsh

**1. CALL TO ORDER**

Meeting called to order at 3:10 p.m.

**2. ROLL**

Roll Sheet was circulated.

**3. APPROVAL OF THE MINUTES OF MAY 13, 2010**

Minutes approved as submitted.

**4. INTRODUCTION OF VISITORS**

**5. MINI-LESSON ON THE USE OF CURRICUNET BEFORE AND DURING THE MEETINGS**

**6. OLD BUSINESS**

**A. SCIENCE DEPARTMENT**

**1. Course Modifications effective fall 2011**

**a. BIOLOGY 11A BIOLOGY FOR SCIENCE MAJORS I *(from 3/25/2010 agenda)***

Revised prerequisites, outcomes, and textbooks.

Need a verb other than “understand” in objectives. Math 103 is being deleted as a prerequisite since it is a prerequisite to the corequisite Chemistry 1A.

Approved modification for Biology 11A with the stipulation that “understand” in the objectives will be changed to a verb that indicates what happens in the class.

Approved corequisite Chemistry 1A and advisories eligibility for English 1A, Biology 3 or high school biology for Biology 11A.

**b. BIOLOGY 11B BIOLOGY FOR SCIENCE MAJORS II *(from 3/25/2010 agenda)***  
Revised advisories, outcomes, textbooks, and added global statement, methods to measure achievement, and grading scale.

Approved modification for Biology 11B with the stipulation that “understand” in the objectives will be changed to a verb that indicates what happens in the class.

Approved prerequisite Biology 11A and advisory eligibility for English 1A, for Biology 11B.

**c. PHYSICS 2A GENERAL PHYSICS I *(from 4/29/2010 agenda)***

Revised outcomes, objectives, and textbooks.

Approved course modification for Physics 2A with the addition of a new textbook.

Reviewed and approved current prerequisites/advisories for Physics 2A.

**d. PHYSICS 2B GENERAL PHYSICS II *(from 4/29/2010 agenda)***

Revised outcomes***,*** textbooks, and methods to measure student achievement.

Lauren Novatne pulled Physics 2B to add outcomes to the course.

**e. PHYSICS 4A PHYSICS FOR SCIENTISTS AND ENGINEERS *(from 4/29/2010 agenda)***  
 Revised catalog description, textbooks, and methods to measure student achievement, and grading scale.

Approved course modifications for Physics 4A with expansion of the catalog description.

Reviewed and approved current corequisites/advisories for Physics 4A.

**f. PHYSICS 4B PHYSICS FOR SCIENTISTS AND ENGINEERS *(from 4/29/2010 agenda)***  
 Revised catalog description, textbooks, methods to measure student achievement, and grading scale.

Approved course modifications for Physics 4B with expansion of the catalog description and change “understand” to an appropriate verb in outcomes.

Reviewed and approved current prerequisites/corequisites/advisories for Physics 4B.

**g. PHYSICS 4C PHYSICS FOR SCIENTISTS AND ENGINEERS *(from 4/29/2010 agenda)***

Revised catalog description, textbooks, methods to measure student achievement, and grading scale.

Lauren Novatne pulled Physics 4C to revise the outline.

**h. PHYSICS 10 CONCEPTUAL PHYSICS *(from 4/29/2010 agenda)***

Revised grading basis, textbooks, methods to measure student achievement, and grading scale.

Lauren Novatne pulled Physics 10 to revise the outline.

**i. PHYSICS 30 PHYSICAL SCIENCE *(from 4/29/2010 agenda)***

Revised textbooks and grading scale.

Lauren Novatne pulled Physics 30 to revise the outline.

**j. SCIENCE 1A INTRODUCTORY CHEMICAL AND PHYSICAL SCIENCE *(from 4/29/2010 agenda)***

Revised textbooks.

Approved course modification for Science 1A with changes to textbooks/software and delete “do” in seven topics.

Reviewed and approved current prerequisites and advisories for Science 1A.

**B. FINE ARTS & SOCIAL SCIENCE DEPARTMENT**

**1. Course Modifications effective fall 2011**

**a. CRIMINOLOGY 1 INTRODUCTION TO CRIMINOLOGY *(from 4/29/2010 agenda)***  
 Revised catalog description, outcomes, textbooks, methods to measure student achievement, and grading scale.

Approved course modification for Criminology 1.

Reviewed and approved current advisories for Criminology 1.

**b. CRIMINOLOGY 6A CRIMINAL LAW *(from 4/29/2010 agenda)***  
 Revised catalog description, outcomes, methods to measure student achievement, and grading scale.

Lore Dobusch asked that during program review if criminology instructors would consider combining this two semester course into a one semester course like FCC has.

Approved course modification for Criminology 6A.

Reviewed and approved current advisories for Criminology 6A.

**c. CRIMINOLOGY 14 MULTICULTURAL ISSUES WITHIN PUBLIC SAFETY *(from 4/29/2010 agenda)***  
 Revised outcomes, objectives, textbooks, global/multicultural statement, methods to measure student achievement, and grading scale.

Garry Elliott pulled Criminology 14 to review outcomes.

**d. CRIMINOLOGY 20 INTRODUCTION TO CORRECTIONS *(from 4/29/2010 agenda)***  
 Revised catalog description, outcomes, textbooks, and grading scale.

Approved course modification for Criminology 20.

Reviewed and approved current advisories for Criminology 20.

7. NEW BUSINESS

**A. MATH & TECHNOLOGY DEPARTMENT**

**1. Course Modifications effective fall 2011**

**a. MATHEMATICS 4A TRIGONOMETRY**  
 Revised catalog description, outcomes, objectives, textbooks, methods to measure student achievement, and grading scale.

**b. MATHEMATICS 4B PRECALCULUS**  
 Revised outcomes, objectives, content outline, and textbooks.

**c. MATHEMATICS 4C TRIGONOMETRY/PRECALCULUS**  
 Revised catalog description, outcomes, objectives, content outline, and textbooks.

**d. MATHEMATICS 5B MATHEMATICS ANALYSIS II**  
 Revised outcomes, textbooks, methods to measure student achievement, and grading scale.

**e. MATHEMATICS 6 MATHEMATICS ANALYSIS III**  
 Revised outcomes and textbooks.

f. MATHEMATICS 7 DIFFERENTIAL EQUATIONS AND LINEAR ALGEBRA  
 Revised title, catalog description, outcomes, objectives, content outline, and textbooks.

**g. MATHEMATICS 10A STRUCTURE AND CONCEPTS IN MATHEMATICS I**  
 Revised outcomes and textbooks.

**h. MATHEMATICS 10B STRUCTURE AND CONCEPTS IN MATHEMATICS II**  
 Revised outcomes and textbooks.

**i. MATHEMATICS 11 ELEMENTARY STATISTICS**  
 Revised outcomes and textbooks.

**j. MATHEMATICS 11H HONORS ELEMENTARY STATISTICS**  
 Revised outcomes and textbooks.

**k. MATHEMATICS 22 APPLIED CALCULUS FOR THE MANAGERIAL, LIFE AND SOCIAL SCIENCES**  
 Revised outcomes.

**l. MATHEMATICS 26 ELEMENTARY LINEAR ALGEBRA**  
 Revised outcomes and textbooks.

**m. MATHEMATICS 45 CONTEMPORARY MATHEMATICS**  
 Revised outcomes.

**n. MATHEMATICS 101 ELEMENTARY ALGEBRA**  
 Revised prerequisites, outcomes, textbooks, methods to measure student achievement, and grading scale.

**o. MATHEMATICS 102 PLANE GEOMETRY**  
 Revised catalog description, outcomes, objectives, and content outline.

**p. MATHEMATICS 103 INTERMEDIATE ALGEBRA**  
 Revised outcomes, objectives, content outline, and textbooks.

**q. MATHEMATICS 250 COLLEGE ARITHMETIC**  
 Revised catalog description, outcomes, objectives, content outline, and textbooks.

**r. MATHEMATICS 256 TOPICS BEFORE ALGEBRA**  
 Revised outcomes, objectives, content outline, and textbooks.

**s. MATHEMATICS 260 ARITHMETIC REVIEW**  
 Revised objectives, content outline, and textbooks.

**t. MATHEMATICS 272 ASSISTANCE IN COLLEGE MATHEMATICS**  
 Revised course outcomes.

The committee agreed to use the Chair’s list of items that need to be reconsidered by the math instructors as a first hearing for the math curriculum.

The Chair stated that the catalog descriptions for the math courses should be consistent within the department and said there are a few good examples to follow such as Math 4C.

She asked that the department look at the justification for advisories/corequisites/prerequisite. Right now it looks as if the justification was just checking everything that is listed as outcomes/objectives for the requisite course.

Lore Dobusch asked that the majors be looked for math in light of SB 1440. For example, RC requires Math 7 for the major, however it is not required for Fresno State.

8. MANDATORY STAND ALONE TRAINING

3:00pm on September 16 or 4:00pm on September 23

9. OTHER

Lore Dobusch will be asked to explain SB 1440 at a future meeting.

10. ADJOURNMENT

Meeting adjourned at 5:03 p.m