Mentoring Program

Fall 2002
MATH 24 DE, MATH 24, MATH 25

Narrative Description Pre-Mentoring

Technology: MATH 24 DE, Applied
            MATH 24, Enhanced
            MATH 25, Enhanced

Instructor: Linda Kodama

Course: MATH 24 DE Elementary Algebra I
        MATH 24 Elementary Algebra I
        MATH 25 Elementary Algebra II

Student Populations:
MATH 24 DE
  • 15 students per class
  • Computer lab access available on-campus
MATH 24
  • 30 students per class
  • Computer lab access available on-campus
MATH 25 (2 sections)
  • 30 students per class
  • Computer lab access available on-campus

Course Descriptions:
MATH 24 DE, 24 is an introduction to basic algebra topics. MATH 24 is the first course in a two-semester sequence of Elementary Algebra courses. Instruction includes units on operations with signed numbers, linear equations and inequalities in one variable, the coordinate plane, and linear systems in two variables. A scientific calculator is required.

MATH 25 is a continuation of basic algebra topics. MATH 25 is the second course in a two-semester sequence of Elementary Algebra courses. Instruction includes units on exponents, polynomials, factoring, rational expressions and equations, radical expressions and equations, and quadratic equations. A scientific calculator is required.

Current Technology Modeling:
MATH 24 DE
  • Communicates to students via email
  • Uses Prentice Hall Interactive Math (PHIM) and WebCT
MATH 24, 25
  Instructor communicates to students via email.

Current Student Technology Use:
MATH 24 DE
  • Communicates to instructor via email
  • Access WebCT course via web browser
  • Access independent learning exercises via CD-ROM
  • Access worksheets, examples, assignments and quizzes at PHIM website
MATH 24, 25
  Students communicate to instructor via email.

Technology Goal Through Mentoring:
Linda would like to enhance her skills in web page design. Because her courses entail a lot of paperwork, she wants to create a website for all of her students to access these documents. These documents include handouts, syllabi, and worksheets. Before creating a website, Linda
will work to convert her documents into digital artifacts through scanning. She will also learn to create and convert documents to a PDF format to be used for her website.

Finally, Linda would like to enhance her Power Point skills. As part of the course orientation for students, Linda wants to be able to present information in an organized way so the students do not feel overwhelmed. However, she wants to enhance her technical skills so that it would be beneficial to both her and her students.

Future Needs:
- Teach an online course solely through WebCT
- Learn more about WebCT
- Learn to create Quicktime files