OUTCOMES ASSESSMENT FOR ACADEMIC PROGRAMS
2008-09 PHASE 1 REPORT

Academic Program: Mathematics

Undergraduate OR Graduate M.S.

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*Note: See the “Assessment Revisited: A Guide to De-Cluttering the Assessment Process” for definitions of mission, goals, objectives, and student learning outcomes.

NMSU MISSION:

New Mexico State University is the state’s land-grant university, serving the educational needs of New Mexico’s diverse population through comprehensive programs of education, research, extension education, and public service.

ACADEMIC PROGRAM MISSION: The A&S College draft mission statement is: The College of Arts and Sciences provides the core liberal arts education that prepares students to be knowledgeable and responsible citizens of the world by conducting and promoting research, scholarship, and creative endeavors to fulfill the land grant mission of the university. The department will draft a mission statement after the College statement has been approved.

GOALS: The program strives to produce Master’s students with a strong mathematical background, allowing them to pursue a Ph.D. in mathematics, graduate work in related fields, teach mathematics, or employ their mathematical expertise in business and industry.

OBJECTIVES: Students who complete the M.S. in Mathematics will have a broad knowledge of mathematical ideas sufficient to allow them to pursue careers in a wide range of areas, including mathematics, science, engineering, and business. They will be able to form clear and complete mathematical arguments. They will be able to communicate mathematics competently through both written and oral communication.

DIRECT STUDENT LEARNING OUTCOME (1 outcome is required): Students who complete the M.S. in Mathematics will be able to write clear and complete mathematical arguments.

INDIRECT STUDENT LEARNING OUTCOME (this is optional):