APPLIED-INDUSTRIAL
MATHEMATICS (AIM)

Applied-Industrial Mathematics (AIM) Courses

AIM 5113. Introduction to Industrial Mathematics. (3-0) 3 Credit Hours.
Prerequisites: MAT 1214, MAT 1224, and MAT 2233, or consent of
instructor. The topics covered include quality control, Monte Carlo
methods, linear programming, model fitting, frequency domain methods,
difference and differential equations, and report writing. The course is not
designed to substitute for any specialized course covering these topics
in detail, but rather to survey their real-world applications. Course Fees:
GS01 $90; LRS1 $15; STSI $15.

AIM 6943. Internship and Research Project. (0-0) 3 Credit Hours.
Prerequisites: Completion of at least 18 semester credit hours of
coursework in mathematics and consent of the student's Supervising
Professor; confirmation of approved internship. Provides students with
hands-on experience in industrial mathematics or a related field in a
professional environment. The research work may be either an extended
project or a variety of shorter assignments. May be repeated for credit,
but no more than 6 credit hours will apply toward the Master's degree.
Course Fees: GS01 $90; LRS1 $15; STSI $15.