

NWIC outcome # (e.g., “Written communication: 2a. write standard English”)	Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)	Assessment/Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)
Quantitative skills: 5a. propose solutions to and solve real-world problems by applying the correct numerical data.	Solving group problems on homework and quizzes, doing several practice problems	Through grading of homework, quizzes, and tests Also through evaluating verbal responses to questions
Quantitative skills: 5b. use analytical and critical thinking skills to draw and interpret conclusions	Solving group problems on homework and quizzes, doing several practice problems	Through grading of homework, quizzes, and tests Also through evaluating verbal responses to questions

B. Course outcomes: In order of priority, list the most important other learning outcomes for this course that you assess (a maximum of 8).

Other course outcomes: Complete the sentence – As a result of this course, students will be able to...	Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)	Assessment / Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)
Use inductive reasoning and other strategies for solving problems	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations
Interpret basic concepts of set theory	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations
Evaluate statements and quantifiers using introductory logic	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations
Identify and use various numeration and mathematical systems	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations
Apply number theory to solve problems	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations
Use real numbers and their representations to solve problems	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations
Apply the basic concepts of algebra to solve problems	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations
Graph functions and systems of equations and inequalities	By practice on homework, review of homework, group practice and review of tests, quizzes, and presentations	Attendance, collaboration, individual quizzes, tests, and presentations

C. Please list the NWIC outcomes and course outcomes from above on your syllabus.

D. Please assess the NWIC outcomes and course outcomes, which are listed above, in your classes.