

**WILLIAM RAINEY HARPER COLLEGE
MATHEMATICS AND SCIENCE DIVISION
GENERAL COURSE OUTLINE**

Course Prefix	Course Number	Course Title	Contact Hours
MTH	081	SUPPLEMENTAL MATH/QUANTITATIVE LITERACY	<u>1</u> <i>Lecture/Demonstration</i> <i>_ Lab/Studio</i> <u>1</u> <i>Credit Hours</i>

Course Description

Prerequisite: MTH 065 (Algebraic Modeling) with a grade of C or better, or other placement options.

https://www.harpercollege.edu/registration/testing/pdf/Math_Placement_Grid.pdf

Corequisite: MTH 101.

Provides mathematical support for students in MTH 101 who place at the Intermediate Algebra level. Carries no transfer credit.

Topical Outline

- I. Supplemental Mathematics for Quantitative Literacy

Method of Presentation

1. Class Discussion
2. Lecture
3. Laboratory

Student Outcomes (The student should)

1. interpret algebraic and statistical quantities in context.
2. select and utilize the correct software package to solve graphical, statistical and financial problems.
3. manipulate numeric expressions with a focus on financial applications.
4. interpret logic statements in context.

Method of Evaluation

Typical classroom assessment techniques

- Projects
- Class participation
- Objective tests
- Studio/Lab performance
- Final exam
- Portfolios
- Essays/Term papers
- Oral examination
- Research report

Course content learning outcomes

- Quizzes

- Group participation
- Case study assignments
- Homework
- Midterm Exam
- Exams

Textbook

None

Supplementary materials

Required

Course materials provided by instructor.

Software

None

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