

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

Course Prefix	Course Number	Course Title	Contact Hours
MTH	085	SUPPLEMENTAL MATH/ELEMENTARY STATISTICS	<u>1</u> Lecture/Demonstration _ Lab/Studio <u>1</u> Credit Hours

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 165.

Provides mathematical support for students in MTH 165 (Elementary Statistics) who place at the Intermediate Algebra level.

Topical Outline

- I. Additional instruction for students in Elementary Statistics

Method of Presentation

1. Lecture
2. Class Discussion
3. Other: Lab-based practice

Student Outcomes (The student should)

1. solve problems using technology.
2. interpret statistical results in context.
3. interpret logic statements in context.
4. manipulate numeric and algebraic expressions with a focus on statistical applications.

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

None

Software

None

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