

Math D010.09 Summer 2025 CRN: 13687

Instructor: Abdul Ghori  
Phone Number:

Email: ghoriabdul @fhda.edu  
( 408 ) 390 - 9711

Class Time: Monday -- Thursday

12:30am – 2:45pm Room: E- 32

First day: Monday, 6/30, 2025

Last day: Thursday, 8/7, 2025

**Student Learning Objects ( S.L.O ):** Organize and utilize appropriate methods to draw conclusion bases on sample data using tables, graphs, and numerical measures. Identify, evaluate, interpret, and describe data distributions through the study of sampling distributions and probability theories. Collect data, interpret, and evaluate the results of random data using statistical analysis such as hypothesis testing and regression analysis.

**Pre requisite:** Math ( 114, 109, 130 ) or equivalent.

**Text book:** Understandable statics 12<sup>th</sup> edition by Brace – Brace.

**Supplies:** Required text book, graph papers, and scientific calculator.

**Attendance:** A student may be dropped on their third absence. Dropping is the student responsibility. Please look for the important dates on the college website.

**Homework:** Homework and classwork will be assigned, kept in a binder, will be checked weekly, and the last day.

**Exams:** There will be three quizzes, exams, and finals.

**Grading:** 90 – 100 A      80 - 89 B      70 - 79 C      60 – 69 D      0 – 59 F  
Your grade will be based on the class participation, projects, homework, quizzes, tests, and finals. You will be graded on the correctness and completeness of your responses.

**Note:** Topics, expectations, and important dates will be discussed on the first day of class. Together we can make it a rewarding and challenging learning experience.



**Student Learning Outcome(s):**

- Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.
- Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.
- Collect data, interpret, compose and evaluate conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

**Office Hours:**