

**Salisbury University Department of Mathematical Sciences****MATH 150 : Data and Probability Connections testing kim  
Syllabus (Tentative)**

**Description:** Provides prospective teachers with a conceptual understanding of statistics and probability. Includes concepts for which elementary curricula lay a foundation, bivariate data analysis, conditional probability, formal inference, relevant educational software and guidelines for teaching statistics as set forth by the American Statistical Association and the National Council of Teachers of Mathematics. 3 Hours Credit: Meets three hours per week. Meets General Education IVB or IVC.

**Prerequisites:**

| Topic        | Weeks     |
|--------------|-----------|
| Tests        | 1 { 1.5   |
| <b>Total</b> | <b>14</b> |

#### Evaluation

|                                      |          |
|--------------------------------------|----------|
| Quizzes/homework/lab work/class work | 20 { 45% |
| Tests (2 or 3)                       | 30 { 50% |
| Final examination                    | 20 { 40% |

- Free tutoring is available for this course in the Spring and Fall semesters.
- Clear descriptions of thought processes, evidence of critical thinking, and effective communication must be demonstrated in written work.
- **Writing Across the Curriculum:** Students will be expected to communicate mathematics and mathematical ideas effectively in speech and writing. At the University Writing Center, trained consultants are ready to help you at any stage of the writing process. In addition to the important writing instruction that occurs in the classroom and during professors' office hours, the Center offers another site for learning about writing. **All students are encouraged to make use of these important services.**
- **NOTE:** Once a student has received credit, including transfer credit, for a course, credit may not be received for any course with material that is equivalent to it or is a prerequisite for it.