

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
BASIC COURSE INFORMATION**

COURSE GOALS

GOAL A:

Apply Concepts of Probability

Learning Objectives: The student will:

- A-1 Perform set operations and use Venn diagrams to organize data.
- A-2 Solve probability applications using the addition rule, the product rule, conditional probability, permutations and combinations.
- A-3 Create probability distributions and use them to find expected values.

GOAL B:

Apply Concepts of Statistics

Learning Objectives: The student will:

- B-1 Calculate and interpret measures of center.
- B-2 Calculate and interpret measures of variation.
- B-3 Calculate z-scores.