

Chapter IV

Random Variables

Solutions

4. 1.

1.

The number of credit hours taken by the student this semester is a discrete random variable because it can assume only a countable number of values (for example 10, 11, 12, and so on).

2.

The grade point average for the student is a continuous random variable because it could theoretically assume any value (for example 3.56, 5.37) corresponding to the points on the interval 1 to 5 of a line.

4. 2.

1. Discrete.

2. Continuous.

3. Discrete.

(Last revised: 05.06.07)