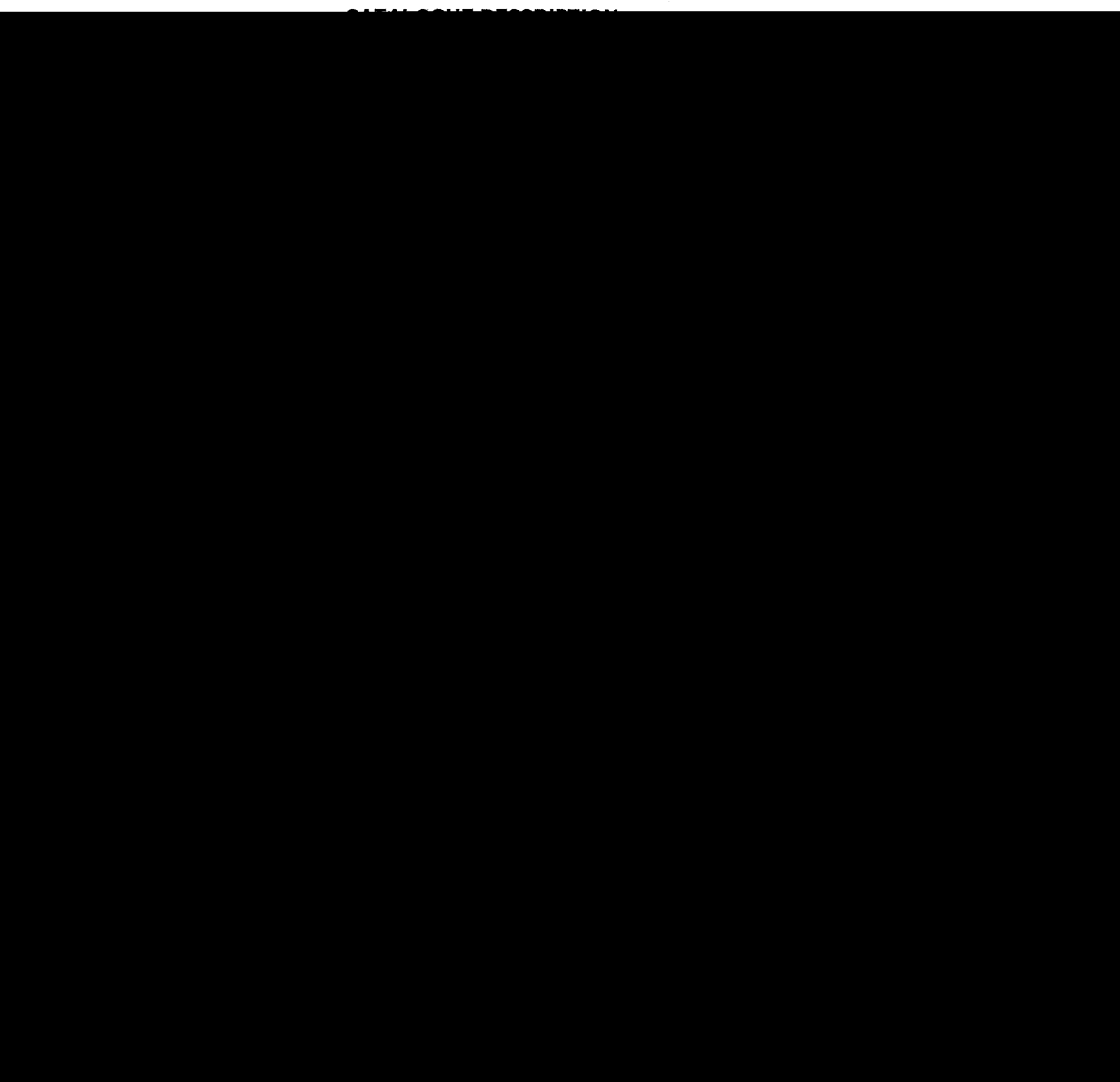


COURSE INFORMATION

COURSE NUMBER	COURSE TITLE	SEMESTER	CREDIT
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COURSES FOR WHICH THIS IS A PREREQUISITE:

RELATED COURSES:

TEXTBOOKS, REFERENCE MATERIAL, SUPPLEMENTARY READING RECOMMENDATIONS, ETC.

TEXT: Freedman, Pisani and Purves Statistics, W.W. Norton & Co., 1978

COURSE OBJECTIVES, CONTENT, AND EVALUATION

OBJECTIVES

OBJECTIVES

In this course, the student will have an intuitive understanding of the concepts of probability and statistics. Upon completion of this course, the student should be able to interpret histograms and present data in the form of histograms. The student should be able to compute the mean and standard deviation for a set of numbers. The student should be able to carry out a normal approximation for a particular histogram and test appropriateness. The student should be able to identify the types of error that can occur in a hypothesis test.

1. The student should be able to estimate the parameters used in a particular controlled experiment or observational study.

2. The student should be able to interpret histograms and present data in the form of histograms.

3. The student should be able to compute the mean and standard deviation for a set of numbers.

4. The student should be able to carry out a normal approximation for a particular histogram and test appropriateness.

5. The student should be able to identify the types of error that can occur in a hypothesis test.

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