# BIOTECHNOLOGY

#### BIOT 103 Biotechnology Lab Skills and Instrumentation

Units: 4.0 Hours: 2.0 Lecture and 6.0 Laboratory

Introduction to biotechnology laboratory skills. Techniques will include DNA isolation, DNA higherprinting, cloning, restriction mapping, and Southern blotting. Includes the use and care of instruments such as centrifuges, mechanical and micropipettes, and electronic balances. Will also include keeping of a notebook, report writing, and calculations. ADVISORY: Eligible for English 250. PREREQUISITE: Completion of BIO 1 with a grade of C or better; may be taken concurrently.

### BIOT 104 Seminar in Biotechnology

Units: 1.0 Hours: 1.0 Lecture

This course will survey careers in biotechnology and ethical issues in biotechnology.

# BUSINESS

#### BUS 1 Fundamentals of Business

Units: 3.0 Hours: 3.0 Lecture
Transferable:GAV-GE:D2. GAV-GE:F

A survey in business providing a multidisciplinary examination of how culture, society, the economic system, the legal environment, international and politional political installations, and human behavior interact to affect a business organization's policy and practices within the U.S. and abroad. Demonstrate how the matching in pact the primary areas of business including: organizational structure and design, leadership, human resources management, organized labor practices; marketing; organized communication; technology; entrepreneurship; leginal labor practices; practices; the stock and securities markets; and therefore affect a business's ability to achieve its organizational goals. This course has the option of a letter grade or pass/no pass. Previously listed as GBUS 1. (C-ID: BUS 110) ADVISORY: Eligible for English 250 and English 260.

### BUS 11 Statistics for Business and Economics

Units: 4.0 Hours: 4.0 Lecture

Transferable:CSU-GE:B4, IGETC:2A, GAV-GE:B4

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; statistical analysis including the interpretation of the relevance of thendiagstical polications using data from disciplines including business, social science, psychology, life science, health science, and

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**COURSE OFFERINGS** 

## BOT 112 Business Computations with Machines

Units: .5 Hours: 1.5 Laboratory

Self-paced course in the operation of the electronic printing calculator. This course provides theory and practice in business applications with emphasis on mathematical problem solving. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for Mathematics 402.

## BOT 180 Medical Terminology for the Ofb ce

Units: 3.0 Hours: 3.0 Lecture

This course introduces fundamentals of medical word building used in the health profession (prefixes, word roots, suffi