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 fingerprinting, 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 political issues, institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and abroad. Demonstrate how these forces impact the primary areas of business including: organizational structure and design, leadership, human resources management, organized labor practices; marketing; organized communication; technology; entrepreneurship; legal; and accounting, 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 the statistical findings. Applications using data from disciplines including business, social science, psychology, life science, health science, and