

BIOTECHNOLOGY/BIOMANUFACTURING (BTC)**BTC 101. Introduction To Biotechnology I. 4 Credits.**

Topics in this course are designed to acquaint students with the diverse field of biotechnology and to develop fundamental skills in the common laboratory techniques used in biotechnology. Students will learn about the history of biotechnology, job opportunities in biotechnology, recombinant DNA and protein products, microbial biotechnology, plant biotechnology, DNA fingerprinting and forensic analysis. Current ethical issues such as stem cell research and cloning will also be discussed. Lab sessions will be hands-on experiences revolving around and applying the topics listed in the lab section of the syllabus. Offered occasionally. Prerequisites: ENG 098, FYE 101, MAT 162 or higher (or corequisite), RDG 098, or placement. Spring.