

# BIOTECHNOLOGY Certificate

**I. General Education/Studies requirements ..... 18 Credits**

ENGL 1117*	Reading & Writing Critically I	4 cr
CHEM 1117	General, Organic & Biological Chemistry I	4 cr
BIOL 1220	General Biology	4 cr
PHIL 1125*	Ethics	3 cr
ENGL 1109	Technical Writing	3 cr

**II. Professional Core requirements .....10 Credits**

BIOL 2000	Biotechnology	4 cr
MATH 2208	Statistics	4 cr
HCCC 1200	Introduction to the Clinical Research Laboratory	2 cr

**Total credits ..... 28 Credits**

\*Honors equivalent available.

**Semester 1**

CHEM 1117	4 cr
BIOL 1220	4 cr
PHIL 1125*	3 cr
ENGL 1117*	4 cr
<b>Total</b>	<b>15 cr</b>

**Semester 2**

BIOL 2000	4 cr
MATH 2208	4 cr
ENGL 1109	3 cr
HCCC 1200	2 cr
	<b>13 cr</b>

**Purpose:** The primary goal of this educational program is to provide academic and hands on educational opportunities for capable men and women to gain and develop the knowledge, skills and attitudes necessary to find employment as a biotechnology technician. Such technicians find employment in research and clinical labs of healthcare organizations, pharmaceutical and healthcare industry, and research institutions. This program includes a special course introduction to clinical practice which deals with human subject issues in biomedical research and patient care.

**Admission Requirements:**

1. High school diploma or GED.
2. Earn a grade of "C" or better in high school chemistry, biology, and algebra II or complete BIOL 1101, CHEM 1101, and MATH 0099 or equivalent.
3. Place at College level reading, writing, and college algebra on the College placement test.

Implementation: Spring 2008

Reviewed: 02/2008

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