

Program Outline

Biology Preparation Program

As of September 2019

Brief Program Description

This bi-weekly, five week course is designed to assist students to grasp anatomy and physiology basics that pertain to the topic of Human biology. It provides a brief overview of introductory chemistry, cellular biology, histology and fundamental principles of integumentary, skeletal, muscular, blood, nervous system structure and function and help understand how these body systems integrate to maintain homeostasis.

Career Occupation* (if applicable)

- Provide an understanding of basic knowledge in Human Anatomy & Physiology, as needed for students with no background in Biology to support their application for entry into the Colleges' Competency Based Mastery Level Registered Massage Therapy Program.

Admission Requirements

- Submission of application form and fee for entry into the Colleges' Competency Based Mastery Level Registered Massage Therapy Program.

Learning Objectives*

Upon completion of this program the successful student will have reliably demonstrated the ability to:

- Describe basic human anatomy and physiology
- Explain chemical, cellular and tissue levels of organization
- Identify structure, location, principal components, physical characteristics and functions of the integumentary, bone, nervous and muscular tissues.

Method(s) of Evaluation*

Mid-Term Exam	50%
Final Exam	50%

Completion Requirements*

- Attend and participate in all lectures, activities and discussions
- Complete all worksheets handed out
- Completion of all required examinations
- Pass the course with a minimum passing grade of 75%

Program Duration

30 Hours

Homework Hours

N/A

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Delivery Method(s)

Indicate how the program is delivered

- In-class instruction*
- Distance education*
- Combined delivery (both in-class and distance)*

Recommended course materials

Principles of Anatomy & Physiology 15th Ed., Next Gen. Wylie Plus - Tortora & Derrickson

Appropriate handouts will be given in the class as the lessons progress, as required

Program Organization

LECTURE	TOPIC
1	Structural Organization of the Human Body
2	Chemical Level of Organization and Organic Chemistry
3	Cellular Level of Organization
4	Principles of Histology
5	MID-TERM EXAMINATION & REVIEW
6	Integumentary System
7	Bone Tissue
8	Muscle Tissue
9	Nervous Tissue
10	FINAL EXAMINATION & REVIEW