

Standard Institutionally Developed College: N/A

EDGE Compatible: No

Pre-requisites

Program Admission

Co-requisites

BIOL 2113 - Anatomy and Physiology I (201003)

Course Description

Selected laboratory exercises paralleling the topics in BIOL 2113. The laboratory exercises for this course include body organization, cell structure and functions, tissue classifications, integumentary system, skeletal system, muscular system, and nervous sensory systems.

Course Length

| | Minutes | Contact Unit |
|-----------------------|---------|--------------|
| Lecture: | 0 | |
| Lab 2: | 0 | |
| Lab 3: | 2250 | |
| Practicum/Internship: | 0 | |
| Clinical: | 0 | |
| Total: | 2250 | 1 |

Semester Credit Hours: 1

Competencies

| Order | Description | Lecture | Lab2 | Lab3 | Practicum/Internship | Clinical | Total Minutes | Semester Credit Hrs |
|-------|------------------------------|---------|------|------|----------------------|----------|---------------|---------------------|
| 1 | Laboratory Safety | 0 | 0 | 60 | 0 | 0 | 60 | 0 |
| 2 | Body Organization | 0 | 0 | 225 | 0 | 0 | 225 | 0 |
| 3 | Cell Structure and Functions | 0 | 0 | 170 | 0 | 0 | 170 | 0 |
| 4 | Tissue Classifications | 0 | 0 | 170 | 0 | 0 | 170 | 0 |
| 5 | Integumentary System | 0 | 0 | 170 | 0 | 0 | 170 | 0 |
| 6 | Skeletal System | 0 | 0 | 375 | 0 | 0 | 375 | 0 |
| 7 | Muscular System | 0 | 0 | 270 | 0 | 0 | 270 | 0 |
| 8 | Nervous and Sensory Systems | 0 | 0 | 810 | 0 | 0 | 810 | 0 |

| Order | Description | Lecture | Lab2 | Lab3 | Practicum/ Internship | Clinical | Total Minutes | Semester Credit Hrs |
|-------|---|---------|------|------|--------------------------|----------|------------------|---------------------------|
| | Totals for Course BIOL 2113L - Anatomy and Physiology Lab I (version 201203): | 0 | 0 | 2250 | 0 | 0 | 2250 | 1 |

Learning Outcomes

| Laboratory Safety | | | |
|------------------------------|---|-----------------|-------------------|
| Order | Description | Learning Domain | Level of Learning |
| 1 | Discuss and apply laboratory exercises encompassing the appropriate practice of laboratory precautions and laboratory safety. | Cognitive | Comprehension |
| Body Organization | | | |
| Order | Description | Learning Domain | Level of Learning |
| 1 | Perform and apply laboratory exercises encompassing body organization. | Cognitive | Synthesis |
| Cell Structure and Functions | | | |
| Order | Description | Learning Domain | Level of Learning |
| 1 | Perform and apply laboratory exercises encompassing cell structure and functions. | Cognitive | Synthesis |
| Tissue Classifications | | | |
| Order | Description | Learning Domain | Level of Learning |
| 1 | Perform and apply laboratory exercises encompassing tissue classification. | Cognitive | Synthesis |
| Integumentary System | | | |
| Order | Description | Learning Domain | Level of Learning |
| 1 | Perform and apply laboratory exercises encompassing the integumentary system. | Cognitive | Synthesis |
| Skeletal System | | | |
| Order | Description | Learning Domain | Level of Learning |
| 1 | Perform and apply laboratory exercises encompassing the skeletal system. | Cognitive | Synthesis |
| Muscular System | | | |
| Order | Description | Learning Domain | Level of Learning |
| 1 | Perform and apply laboratory exercises encompassing the muscular system. | Cognitive | Synthesis |
| Nervous and Sensory Systems | | | |
| Order | Description | Learning Domain | Level of Learning |
| 1 | Perform and apply laboratory exercises encompassing the nervous and sensory systems. | Cognitive | Synthesis |

References

No Course References entered for this Course.