

Standard Institutionally Developed College: N/A

EDGE Compatible: No

Pre-requisites

BIOL 2113 - Anatomy and Physiology I (201003)

Co-requisites

BIOL 2114 - Anatomy and Physiology II (201003)

Course Description

Selected laboratory exercises paralleling the topics in BIOL 2114. The laboratory exercises for this course include the endocrine system, cardiovascular system, blood and lymphatic system, immune system, respiratory system, digestive system, urinary system, and reproductive system.

Course Length

| | Minutes | Contact Unit |
|------------------------|---------|--------------|
| Lecture: | 0 | |
| Lab 2: | 0 | |
| Lab 3: | 2250 | |
| Practicum/Internship: | 0 | |
| Clinical: | 0 | |
| Total: | 2250 | 1 |
| <hr/> | | |
| 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 | Endocrine System | 0 | 0 | 215 | 0 | 0 | 215 | 0 |
| 3 | Cardiovascular System | 0 | 0 | 385 | 0 | 0 | 385 | 0 |
| 4 | Blood and Lymphatic System | 0 | 0 | 225 | 0 | 0 | 225 | 0 |
| 5 | Immune System | 0 | 0 | 170 | 0 | 0 | 170 | 0 |
| 6 | Respiratory System | 0 | 0 | 270 | 0 | 0 | 270 | 0 |
| 7 | Digestive System | 0 | 0 | 270 | 0 | 0 | 270 | 0 |
| 8 | Urinary System | 0 | 0 | 270 | 0 | 0 | 270 | 0 |

| Order | Description | Lecture | Lab2 | Lab3 | Practicum/ Internship | Clinical | Total Minutes | Semester Credit Hrs |
|-------|---|----------|----------|-------------|--------------------------|----------|------------------|---------------------------|
| 9 | Reproductive System | 0 | 0 | 385 | 0 | 0 | 385 | 0 |
| | Totals for Course BIOL 2114L - Anatomy and Physiology Lab II (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 |

Endocrine System

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the endocrine system. | Cognitive | Synthesis |

Cardiovascular System

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the cardiovascular system. | Cognitive | Synthesis |

Blood and Lymphatic System

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the blood and lymphatic system. | Cognitive | Synthesis |

Immune System

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the immune system. | Cognitive | Synthesis |

Respiratory System

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the respiratory system. | Cognitive | Synthesis |

Digestive System

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the digestive system. | Cognitive | Synthesis |

Urinary System

| Order | Description | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the urinary system. | Cognitive | Synthesis |

Reproductive System

| Order | Description | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1 | Perform and apply laboratory exercises encompassing the reproductive system. | Cognitive | Synthesis |

References

No Course References entered for this Course.