

BIOL 2114L - Anatomy and Physiology Lab II (version 201003L)

Course Title Course Development Learning Support

Anatomy and Physiology Lab II Standard

No

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.

Pre-requisites

Pre-requisites: All Required

BIOL 2113 - Anatomy and Physiology I (201003L)

BIOL 2113L - Anatomy and Physiology Lab I (201003L)

Regstr. Co-requisites

Regstr. Co-requisites: None

True Co-requisites

True Co-requisites: All Required

BIOL 2114 - Anatomy and Physiology II (201003L)

Course Length

| | Lecture Contact Time | Regular Lab Type | Reg. Lab Contact Time | Other Lab Type | Oth. Lab Contact Time | Total Contact Hrs |
|------------------------------------|-------------------------|---------------------|--------------------------|--------------------|--------------------------|----------------------|
| Contact Hours Per Week | 0 hrs | N/A | 0 hrs | Lab | 3 hrs | 3 hrs |
| Contact Min/Hrs Per Semester | 0 min | | 0 min | | 2250 min | 45 hrs |
| Lecture Credit Hours | | Lab Credit Hours | | Total Credit hours | | WLU |
| Semester Credit Hours | 0 | | 1 | | 1 | 56.25 |

Competencies & Outcomes

Order Description

1 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 |

2 Endocrine System

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

3 Cardiovascular System

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

4 **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 |

5 **Immune System**

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

6 **Respiratory System**

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

7 **Digestive System**

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

8 **Urinary System**

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

9 **Reproductive System**

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