BIOL 1112L - Biology Lab II (version 201203)

Posted: 02/09/2010

☑ Standard ☐ Institutionally Developed College: N/A

EDGE Compatible: No

Pre-requisites

BIOL 1111 - Biology I (201003)

BIOL 1111L - Biology Lab I (201103)

Co-requisites

BIOL 1112 - Biology II (201003)

Course Description

Selected laboratory exercises paralleling the topics in BIOL 1112. The laboratory exercises for this course include principles of evolution, classification and characterizations of organisms, plant structure and function, animal structure and function, principles of ecology, and biosphere.

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	Principles of Evolution	0	0	385	0	0	385	0
3	Classification and Characterization of Organisms	0	0	475	0	0	475	0
4	Plant Structure and Function	0	0	420	0	0	420	0
5	Animal Structure and Function	0	0	325	0	0	325	0
6	Principles of Ecology	0	0	420	0	0	420	0

Order	Description	Lecture	Lab2	Lab3	Practicum/ Internship	Clinical	Total Minutes	Semester Credit Hrs
7	Biosphere	0	0	165	0	0	165	0
	Totals for Course BIOL 1112L - Biology 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

Principles of Evolution

Order	Description	Learning Domain	Level of Learning
1	Perform and apply laboratory exercises encompassing principles of evolution.	Cognitive	Synthesis

Classification and Characterization of Organisms

Order	Description	Learning Domain	Level of Learning
1	Perform and apply laboratory exercises encompassing classification and characterization of organisms.	Cognitive	Synthesis

Plant Structure and Function

Order	Description	Learning Domain	Level of Learning
1	Perform and apply laboratory exercises encompassing plant structure and function.	Cognitive	Synthesis

Animal Structure and Function

Order	Description	Learning Domain	Level of Learning
1	Perform and apply laboratory exercises encompassing animal structure and function.	Cognitive	Synthesis

Principles of Ecology

Order	Description	Learning Domain	Level of Learning
1	Perform and apply laboratory exercises encompassing principles of ecology.	Cognitive	Synthesis

Biosphere

Order	Description	Learning Domain	Level of Learning
1	Perform and apply laboratory exercises encompassing biosphere.	Cognitive	Synthesis

References

No Course References entered for this Course.