COURSE SLO STATEMENTS REPORT

ECC - BIOLOGY

Course ID	Course Name	Course SLO Title	Course SLO Statement	Course SLO Status	Input Date
ECC: BIOL 10	Fundamentals of Biology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013
ECC: BIOL 10	Fundamentals of Biology	SLO #2 Tools	The student will be able to use the compound and dissecting microscope to observe cells and microorganisms.	Active	11/08/2013
ECC: BIOL 10	Fundamentals of Biology	SLO #3 Content Knowledge (Mitosis)	The student will be able to describe key activities in cell replication.	Active	11/08/2013
ECC: BIOL 101	Principles of Biology I	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013
ECC: BIOL 101	Principles of Biology I	SLO #2 Use of Microscope	The student will be able to use the compound and dissecting microscope to observe cells and microorganisms.	Active	11/08/2013
ECC: BIOL 101	Principles of Biology I	SLO #3 Content Knowledge (Energy Flow)	Students will use basic energy principles to explain the flow of energy in living systems, such as those that occur in the cellular metabolic pathways of photosynthesis and cell respiration, or the relationships observed between autotrophs and heterotrophs in ecosystems.	Active	11/08/2013
ECC: BIOL 102	Principles of Biology II	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013
ECC: BIOL 102	Principles of Biology II	SLO #2 Tools	The student will be able to use the compound and dissecting microscope to observe cells and microorganisms.	Active	11/08/2013
ECC: BIOL 102	Principles of Biology II	SLO #3 Content Knowledge (Mitosis)	The student will be able to describe key activities in cell replication.	Active	11/08/2013
ECC: BIOL 103	Fundamentals of Molecular Biology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	07/01/2013
ECC: BIOL 103	Fundamentals of Molecular Biology	SLO #2 Content Knowledge (Central Dogma)	The student will be able to provide a detailed explanation of how the unit-by-unit transfer of genetic information occurs from DNA to RNA to Protein.	Active	11/08/2013
ECC: BIOL 103	Fundamentals of Molecular Biology	SLO #3 Content Knowledge (Control of Gene Expression)	The student will be able to explain various prokaryotic and eukaryotic gene expression control mechanisms.	Active	11/08/2013
ECC: BIOL 10H	Honors Fundamentals of Biology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence. Honors students will design a novel experiment, gather evidence and use scholarly research to support the explanation of the results.	Active	08/24/2015
ECC: BIOL 10H	Honors Fundamentals of Biology	SLO #2 Tools	The student will be able to use the compound and dissecting microscope to observe cells and microorganisms.	Active	08/24/2015
ECC: BIOL 10H	Honors Fundamentals of Biology	SLO #3 Content Knowledge (Mitosis)	The student will be able to describe key activities at each stage of mitosis.	Active	08/24/2015
ECC: BIOL 11	Fundamentals of Zoology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013

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ECC: BIOL 11	Fundamentals of Zoology	SLO #2 Tools	The student will be able to use the compound and dissecting microscope to observe cells and microorganisms.	Active	11/08/2013
ECC: BIOL 11	Fundamentals of Zoology	SLO #3 Content Knowledge (Mitosis)	The student will be able to describe key activities in cell replication.	Active	11/08/2013
ECC: BIOL 12	Field Zoology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013
ECC: BIOL 12	Field Zoology	SLO #2 Tools	The student will be able to use the compound and dissecting microscope to observe cells and microorganisms.	Active	07/01/2013
ECC: BIOL 12	Field Zoology	SLO #3 Content Knowledge (Energy Flow)	Students will use basic energy principles to explain the flow of energy in living systems, such as those that occur in the cellular metabolic pathways of photosynthesis and cell respiration, or the relationships observed between autotrophs and heterotrophs in ecosystems.	Active	11/08/2013
ECC: BIOL 15	Environmental Aspects of Biology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	04/05/2014
ECC: BIOL 15	Environmental Aspects of Biology	SLO #2 Content Knowledge (Energy Flow)	Students will use basic energy principles to explain the flow of energy in living systems, such as those that occur in the cellular metabolic pathways of photosynthesis and cell respiration, or the relationships observed between autotrophs and heterotrophs in ecosystems.	Active	11/08/2013
ECC: BIOL 15	Environmental Aspects of Biology	SLO #3 Content Knowledge (Materials Cycling)	Students will describe how biologically significant materials move between the biotic and abiotic components of an ecosystem and the role living things play in the cycling of these nutrients.	Active	11/08/2013
ECC: BIOL 16	Field Entomology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013
ECC: BIOL 16	Field Entomology	SLO #2 Tools	The student will be able to observe insects on compound and dissection microscopes.	Active	11/08/2013
ECC: BIOL 16	Field Entomology	SLO #3 Content Knowledge & Tools (Dichotomous Keying)	The student will be able to determine the identity of common insects to order by applying knowledge of insect anatomy and using a dichotomous key.	Active	11/08/2013
ECC: BIOL 17	Marine Biology	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	07/01/2013
ECC: BIOL 17	Marine Biology	SLO #2 Content Knowledge (Energy Flow)	Students will use basic energy principles to explain the flow of energy in living systems, such as those that occur in the cellular metabolic pathways of photosynthesis and cell respiration, or the relationships observed between autotrophs and heterotrophs in ecosystems.	Active	05/12/2014
ECC: BIOL 17	Marine Biology	SLO #3 Content Knowledge (Materials Cycling)	Students will describe how biologically significant materials move between the biotic and abiotic components of an ecosystem and the role living things play in the cycling of these nutrients.	Active	11/08/2013
ECC: BIOL 18	Marine Biology Laboratory	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013
ECC: BIOL 18	Marine Biology Laboratory	SLO #2 Tools	The student will be able to use the compound and dissecting microscopes to observe cells and microorganisms.	Active	11/08/2013

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ECC: BIOL 18	Marine Biology Laboratory	SLO #3 Content Knowledge (Energy Flow)	The student will demonstrate how the principles of energy flow exist in relationships observed between autotrophs and heterotrophs in ecosystems.	Active	11/08/2013
ECC: BIOL 8	Biology of Plants	SLO #1 Scientific Method	The student will understand and apply principles of the scientific method; recognizing an idea based on reproducible evidence.	Active	11/08/2013
ECC: BIOL 8	Biology of Plants	SLO #2 Tools	The student will be able to use the compound and dissecting microscope to observe cells and microorganisms.	Active	11/08/2013
ECC: BIOL 8	Biology of Plants	SLO #3 Content Knowledge (Energy Flow)	Students will use basic energy principles to explain the flow of energy in living systems, such as those that occur in the cellular metabolic pathways of photosynthesis and cell respiration, or the relationships observed between autotrophs and heterotrophs in ecosystems.	Active	11/08/2013