

Astronomy Assessment Plan Rev. 4/3/2018

Astronomy	14-15	15-16	16-17	17-18	18-19	19-20
ASTRB1 - Physics of the Cosmos						
• Upon completion the student will be able to: Demonstrate a correct understanding of the cause of a given phenomenon, the physical nature of a given object, and the properties and processes of a habitable world [this is the "what we know" SLO]	X		X			
• Describe the scientific method, give the evidence for an explanation and describe the technique(s) used in determining either the property of something, how it interacts with its environment, or its origin and history [this is the "how we know" SLO]	X		X	X		
• Solve word problems and apply concepts to new situations not given in the book or in lecture using logical, deductive reasoning.	X		X		X	
• Use a computer to locate information on the internet.	X		X			X
ASTRB2 - Life in the Universe						
• Upon completion the student will be able to: Demonstrate a correct understanding of the cause of a given phenomenon, the physical nature of a given object including the chemical, molecular, and cellular nature of Life, and the properties and processes of a habitable world [this is the "what we know" SLO]	X		X			
• Describe the scientific method, give the evidence for an explanation and describe the technique(s) used in determining either the property of something including extra-terrestrial life, how it interacts with its environment, or its origin and history [this is the "how we know" SLO]	X		X	X		
• Solve word problems and apply concepts to new situations not given in the book or in lecture using logical, deductive reasoning.	X		X		X	
• Use a computer to locate information on the internet.	X		X			X
ASTRB3 - Solar System						
• Upon completion the student will be able to: Demonstrate a correct understanding of the cause of a given phenomenon, the physical nature of a given object, and the properties and processes of a habitable world [this is the "what we know" SLO]	X		X			
• Describe the scientific method, give the evidence for an explanation and describe the technique(s) used in determining either the property of something, how it interacts with its environment, or its origin and history [this is the "how we know" SLO]	X		X			
• Solve word problems and apply concepts to new situations not given in the book or in lecture using logical, deductive reasoning.	X		X			
• Use a computer to locate information on the internet.	X		X			X