

Astronomy Assessment Plan Rev. 9/17/2018

Astronomy	16-17	17-18	18-19	19-20	20-21	21-22
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ASTRB1 - Physics of the Cosmos

• 1. 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]	C	C			P	
• 2. Upon completion the student will be able to: 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]	C	C			P	
• 3. Upon completion the student will be able to: Solve word problems and apply concepts to new situations not given in the book or in lecture using logical, deductive reasoning.	C	C	P		P	
• 4. Upon completion the student will be able to: Use a computer to locate information on the internet.	C			P	P	

ASTRB2 - Life in the Universe

• 1. Upon successful completion of the course, 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]	C				P	
• 2. Upon successful completion of the course, the student will be able to 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]	C	C			P	
• 3. Upon successful completion of the course, the student will be able to solve word problems and apply concepts to new situations not given in the book or in lecture using logical, deductive reasoning.	C		P		P	
• 4. Upon successful completion of the course, the student will be able to use a computer to locate information on the internet	C			P	P	

ASTRB3 - Solar System

• 1. 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]	C				P	
• 2. Upon completion the student will be able to: 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]	C				P	
• 3. Upon completion the student will be able to: Solve word problems and apply concepts to new situations not given in the book or in lecture using logical, deductive reasoning.	C				P	
• 4. Upon completion the student will be able to: Upon completion the student will be able to: Use a computer to locate information on the internet.	C			P	P	