

Physical Science Assessment Plan Rev. 6/15/2018

Physical Science	14-15	15-16	16-17	17-18	18-19	19-20
PHSCB12 - Physical Science						
• Upon completion of the course, the student will be able to demonstrate a conceptual understanding of the fundamental theory, principles and laws of physical science.			X	X		X
• Upon completion the student will be able to: Apply fundamental physical principles and laws to explain various physical phenomena in daily life.			X	X		X
• Upon completion the student will be able to: Identify the essential part of a physical science problem, logically analyze the information, apply appropriate solution to the problem, and critically evaluate the solution.			X	X		X
• Upon completion the student will be able to: Perform unit conversion in various calculations with physical and chemical quantities.			X	X		X
• Upon completion the student will be able to: Conduct, observe, measure and record physical science experiments, with the correct use of significant figures.			X	X		X
• Upon completion the student will be able to: Interpret and evaluate results and errors in physical science experiments.			X	X		X
• Upon completion the student will be able to: Demonstrate ability to handle laboratory materials, tools and equipment in a safe manner with regard to their own and safety of others.	X		X	X		X
• Upon completion the student will be able to: Demonstrate an ability to communicate complex course concepts effectively in writing.			X	X		X