

Ringgold High School

2016-2017 Program of Studies Update

The following courses have been added to the RHS Program of Studies effective immediately and are available for the 2016-2017 school year:

APPLIED CHEMISTRY

Grades (11-12)

1.0 Credit

PREREQUISITE: Successful Completion of a Biology Course
Successful Completion of a Mathematics Course

CONTENT: Applied Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. This course will focus on conceptual chemistry. Concepts covered in this course are very similar to the concepts covered in academic chemistry. Applied chemistry will involve simplified mathematical calculations and modified laboratory experiments. Topics include measurement, atomic structure, chemical names and formulas, periodicity, bonding, reactivity, gas laws, and stoichiometry.

APPLIED PHYSICS

Grades (11-12)

1.0 Credit

PREREQUISITE: Successful Completion of a Biology Course
Successful Completion of a Mathematics Course


CONTENT: Applied Physics focuses on the basic concepts of mechanics (how and why objects move) with a brief section on waves and wave behaviors. The focus of the class will be on understanding the concepts of the science and their application to the real-world. Math and critical thinking are both part of the curriculum. Laboratory and hands-on activities will be incorporated as appropriate.

*The following **changes** are made to existing courses in the RHS Program of Studies effective immediately for the 2016-2017 school year:*

EARTH SPACE SCIENCE

Grades (**11**-12)

PREREQUISITE: Successful Completion of a Biology **and Chemistry** Course



Previous completion of a Chemistry course is no longer a prerequisite for Earth Space Science.