



# Aiken Performing Arts Academy

## Science

### **321100CW Physical Science CP**

1 Unit

*Description:* This course provides students with a basic knowledge of the the relationship between matter and energy through the study of laws of motion, heat, electricity, sound, light, and chemistry. Laboratory work is required in this course. Class content will cover the targeted chemistry and physics standards that make up the Physical Science portion of the S.C. Science Curriculum. Physical Science is a prerequisite for all other science courses. **End of course test is required.**

### **322100CW Biology I CP**

1 Unit

*Description:* This course is designed for the average or above-average student who plans to attend a four-year college. Laboratory work is required in this course. Course content includes the targeted life science standards of the S.C. Science Curriculum that includes cell and molecular biology, ecology, genetics, evolution, and behavior and regulation of organisms. **End of course test is required.**

### **323100CW Chemistry I CP**

1 Unit

*Description:* For the serious science student, this course stresses chemical theory and is intended for the eleventh grade student who is college bound and will pursue a degree in a science, engineering, or a health-related field. Laboratory work is an integral part of this course and involves some independent research.

### **324100HW Physics CP**

1 Unit

*Description:* Physics deals with such features as time, space, motion, matter, energy, electricity, light, and radiation. Physics is essential for an understanding of technology. Students planning to study science, engineering, or medicine should strongly consider taking physics. Demonstrations and laboratory work are an important part of the course.