



## **FOOD AND SCIENCE**

### **COURSE DESCRIPTION**

This course teaches scientific principles and how those principles can be applied to improve the health of individuals and families. Instruction is given concerning the physical, microbiological, and chemical principles that affect the food we eat.

### **STRANDS**

Learn the meaning of food science and management for the classroom and laboratory

Explain how food provides and produces energy

Discuss the meaning of food physics

Discuss the principles of food microbiology

Discuss the basis of food chemistry

Discuss the basics of nutrition as related to food

Discuss the basic nutrients and their specific properties as related to food science

Apply basic food science principles

Complete experiments in food science

Identify careers related to food science