

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: HLT 175

Credits: 1

Course Title: Swimming Pool Management

Course Description (including lecture hours, lab hours, total contacts)

Studies the management of hot tubs and home and community pools. May include water chemistry, filtration, circulation, chemical feeders, and sanitation. Lecture 1 hour per week.

General Course Purpose

This course will prepare individuals for the public health that is associated with making sure pools and spas are taken care of and are following proper protocols that will ensure the health and safety of patrons.

Course Prerequisites/Corequisites (*Entry-level competencies **required** for enrollment*): none

Course Objectives (Each item should complete the following sentence.)

Upon completing the course, the student will be able to:

- a. outline the anatomy of a pool.
- b. calculate the water volume of a pool.
- c. summarize the characteristics of each of the chlorine products.
- d. outline the reasons for the various chemicals that are needed in a swimming pool.
- e. outline the procedures involved in chemically balancing a swimming pool.
- f. summarize the codes that are in effect for a properly maintained pool.
- g. outline the procedures involved in opening and closing a swimming pool.

Major Topics to be Included

- a. Swimming Pool and Spa Codes
- b. Swimming Pool anatomy
- c. Filters and Filtration
- d. Pool Circulation and Equipment
- e. Water Sanitation and Chemical Balance
- f. Water Testing
- g. Operation Problems and Chemical Adjustments
- h. Spas and Hot Water Tubs
- i. Pool Management
- j. Disease and Accident Prevention

Effective Date of Course Content Summary (Month, Date Year): August 1, 2008