

Pool Operator Fusion Course

On-Demand Course Outline

The following course outline is for the Pool Operator Primer On-Demand course. The approximate time dedicated to specific topics is summarized below.

Introduction

- Welcome to POP! What to Expect
- Course Links

Chapter 1: Pool & Spa Management

- Chapter 1 Objectives
- Types of Pools
- Health Agencies
- Management
- The Certified Operator
- Chapter 1 Knowledge Check

Chapter 2: Regulations & Guidelines

- Chapter 2 Objectives
- Standards vs. Regulations
- Regulation Setting Agencies
- Chapter 2 Knowledge Check

Chapter 3: Essential Calculations

- Chapter 3 Objectives
- Basic Arithmetic
- Pool Volume
- Chapter 3 Knowledge Check

Chapter 4: Pool Water Contamination

- Chapter 4 Objectives
- Recreational Water Illness
- Other Pool Water Health Concerns
- Chapter 4 Knowledge Check

Chapter 5: Disinfection

- Chapter 5 Objectives
- Chlorine Chemistry
- Disinfectants
- Cyanuric Acid and Stabilized Disinfectants
- Bromine
- Supplemental Disinfection Systems
- Chapter 5 Knowledge Check

Chapter 6: Water Balance

- Chapter 6 Objectives
- Balance Factors
- Saturation Index

- Chapter 6 Knowledge Check

Chapter 7: Pool & Spa Water Problems

- Chapter 7 Objectives
- Chemical Dosing and Adjustments
- Combined Chlorine
- Water Problems
- Chapter 7 Knowledge Check

Chapter 8: Chemical Testing

- Chapter 8 Objectives
- Test Methods and Procedures
- Chapter 8 Knowledge Checks

Chapter 9: Chemical Feed and Control

- Chapter 9 Objectives
- Chemical Addition
- Chapter 9 Knowledge Check

Chapter 10: Water Circulation

- Chapter 10 Objectives
- Circulation
- Chapter 10 Knowledge Check

Chapter 11: Pool & Spa Filtration

- Chapter 11 Objectives
- Filters
- Chapter 11 Knowledge Check

Chapter 12: Heating & Air Circulation

- Chapter 12 Objectives
- Heat Loss and Gain
- Chapter 12 Knowledge Check

Chapter 13: Spa & Therapy Operations

- Chapter 13 Objectives
- Spa and Therapy Operations
- Hot Water Systems and Chemistry
- Chapter 13 Knowledge Check

Chapter 14: Facility Safety

- Chapter 14 Objectives
- Training and Access

Pool Operator Fusion Course (cont.)

- Safety in the Water
- Safety Around the Water
- Chapter 14 Knowledge Check

Chapter 15: Keeping Records

- Chapter 15 Objectives
- Records
- Chapter 15 Knowledge Check

Chapter 16: Maintenance Systems

- Chapter 16 Objectives
- Maintenance Systems
- Chapter 16 Knowledge Check

Chapter 17: Objectives

- Chapter 17 Objectives
- Pumps and Motors
- Water Loss
- Heaters
- Filters
- Chapter 17 Knowledge Check

Chapter 18: Facility Renovation & Design

- Chapter 18 Objectives
- Site Considerations
- Professional Help
- Guidelines
- Appendix and Glossary Introduction
- Chapter 18 Knowledge Check

Post Course

- Final Quiz

Passing score provides a Record of Completion for the Pool Operator Primer Course.