



Pool Operator Primer

Understanding the fundamentals of pool and spa operation and safety reduces risk, decreases liability, and creates value for customers. This dynamic program for pool operators, service technicians, facility managers, and environmental health officials is a great stand-alone course or it can be the first step towards earning a [Certified Pool & Spa Operator® Certification](#).

Benefits of Pool Operator Primer (POP) training:

- Self-paced and interactive presentation allows students to customize their learning experience
- Online training is available in the office, at home, or wherever is convenient for students
- The [Pool & Spa Operator™ Handbook](#) provides a life-long reference
- Video demonstrations and interactive activities and exams reinforce content for long-term retention
- Access to the online course for a six-month period provides an opportunity to review the material many times.

Online Course Syllabus

1. Recognize the importance of CPO Certification
2. Identify who should receive CPO Certification Training
3. Identify the types of aquatic facilities that may require CPO Certified Trainers
4. Identify the four components of a management system
5. Identify the basic concepts associated with risk management
6. Recognize the difference between regulations and standards (guidelines)
7. Identify the agencies that directly impact the aquatic industry
8. Identify the role and responsibilities of the key regulation's standards setting agencies
9. Identify the Key Regulations that affect the operation of aquatic facilities

Online Lesson Plan

NSPF Pre-Course Acknowledgment

Lesson 1: Introduction to Pool & Spa Management

Section 1: Introduction

Section 2: Pool and Spa Management

Section 3: Regulations and Standards

POP Lesson 1 – Introduction to Pool & Spa Management – Exam

Lesson 2: Essential Calculations

Section 1: Introduction

Section 2: Amount Conversions

Section 3: Surface Area/Volume Calculations

POP Lesson 2 – Essential Calculations - Exam

Lesson 3: Contamination, Water Problems, and Disinfection

Section 1: Introduction

Section 2: Pool Water Contamination

Section 3: Disinfection

Section 4: Water Balance

Section 5: Water Problems and Dosage

POP Lesson 3 - Contamination, Water Problems, and Disinfection - Exam

Lesson 4: Pool and Spa Water Chemistry

Section 1: Introduction

Section 2: Chemical Feed and Control

Section 3: Chemical Testing

POP Lesson 4: Pool and Spa Water Chemistry – Exam

Lesson 5: Water Circulation and Filtration

Section 1: Introduction

Section 2: Circulation

Section 3: Filtration

Section 4: Heating and Energy Loss

Section 5: Air Circulation

POP Lesson 5: - Water Circulation and Filtration - Exam

Lesson 6: Spas, Hot Tubs, and Therapy Pools

Section 1: Introduction

Section 2: Benefits/Concerns

Section 3: Operational/Maintenance Considerations

Section 4: Risks

Section 5: Guidelines for Safe Use

POP Lesson 6 - Water Circulation and Filtration - Exam

Lesson 7: Facility Safety and Recordkeeping

Section 1: Introduction

Section 2: Facility Safety

Section 3: Pool and Spa Safety Act

Section 4: Keeping Records

POP Lesson 7 - Facility Safety and Recordkeeping - Exam

Lesson 8: Maintenance

Section 1: Introduction

Section 2: Maintenance Systems

Section 3: Troubleshooting

Section 4: Facility Renovation

POP Lesson 8 – Maintenance – Exam

NSPF Post-Course Acknowledgment

Upon completion of course, please make sure to print your Record of Completion to provide to your instructor.