

# CSPO<sup>®</sup> - CERTIFIED SWIMMING POOL OPERATOR COURSE OUTLINE

## DISTANCE EDUCATION COURSE

### SWIMMING POOL CARE & OPERATIONS

- Conversion Charts
- Recirculation & Filtration
- Automatic Shut off Procedures
- Preventing Suction Hazards
- Pool Fill Water & Make up
- Turnover & Calculating Pool Turnover Period
- Minimum Flow Rate
- Skimmers
- Main Drain, Piping, Valves
- Hair-lint Strainer
- Recirculation Pump & Pump Prime
- Filtration
- Pool Inlets
- Recirculation Accessories
- Flow Meter
- Hypochlorinator
- Pressure Gauges
- Water Heaters
- Therapeutic Pools

### SWIMMING POOL CARE & SAFETY

- Pool Care, Safety & Cleaning
- Pool Surroundings & Safety
- Safety Equipment
- Pool Markings/Enclosure
- Artificial Illumination
- Non-slip Surfaces
- Controlled Access
- Turbid Water
- Indoor Pools
- Cross Connections
- Therapeutic Pools
- Bromine
- Health & Safety Problems
- Operational Instructions
- Pool Side Signs
- Swimming Pool Care Checklist
- Swimming Pool Safety Plan
- Pseudomonas Contamination Clean-up
- Protocol

### SAFE HANDLING OF CHEMICALS

- Storage of Chemicals
- Pool Maintenance Records
- Sodium Hypochlorite & Calcium Hypochlorite
- Muriatic Acid
- Chemical Balance
- Chemical Storage & Handling
- Gas Chlorine Operation & Maintenance
- What is pH & What is Total Alkalinity
- Testing pH & Testing Total Alkalinity
- Langelier Saturation Index
- Water Chemistry for Swimming Pools

### CHLORINE

- Chlorine & Pool Records
- Chlorination and Terminology
- Effective Chlorination
- Bathing Load & Sunlight
- Chlorine Sources
- Calcium & Sodium Hypochlorite
- Cyanuric Acid & Chlorinated Cyanurates
- Superchlorination & Chlorine Testing
- Testing High Chlorine Residuals
- Chlorine Dilution Table
- Test Kits
- Salt Water Pools

### WINTER SHUTDOWN/SPRING OPENING

- Emptying the pool
- Water left in the pool
- Opening the pool
- Equivalentents

### SWIMMING POOL TROUBLESHOOTING

- Algae growth
- Chlorine
- Cloudy water
- pH balance
- Turbidity

### POOL OPERATORS' VOCABULARY

#### SUPPLIED BY R.M.T.I.

- ⇒ Online profile with Username & Password
- ⇒ Textbook (online & hardcopy)
- ⇒ 5 Assignments, 5 Chapter Exams & Final Exam
- ⇒ Official Tax Receipt

#### ON SUCCESSFUL COMPLETION

- ⇒ CSPO Designation & Certificate of Achievement

#### COURSE DURATION

- ⇒ Total course: 80 hours
- ⇒ Full time study; 2 weeks
- ⇒ Part time study; 4 weeks

#### EXPERIENCED INDIVIDUALS

Your certificate of achievement shows present and potential employers that you are qualified in the day to day operations of recreational equipment consisting of swimming pools, spas, hot tubs and jacuzzis. This knowledge will give you a clear advantage over others that are not trained in the field and will help you open doors to some new career opportunities!