

AFO Course Syllabus

DAY 1

8:00–8:15	Chapters 1-4	Intro/Systems Approach, Profile of an AFO, Evolution of a Swimming Pool, Qualities of a Healthy Pool, & Health-Department Considerations (15 min)
8:15–9:15	Chapter 5:	Circulation, Capacities and Basic Calculations (60 min)
9:15–10:15	Chapters 11-13:	Pool-Water Chemistry Goals, Chemical types for Sanitizing and Treating Water, & Sanitation Plus (60 min)
10:15–10:30		BREAK (15 min)
10:30–10:45	Chapter 14:	Water Testing (15 min)
10:45–11:15	Chapter 15:	Breakpoint chlorination (30 min)
11:15–12:00	Chapter 17:	Pool-Water Balance (45 min)
12:00–1:00		LUNCH (60 min)
1:00–2:00	Chapter 18:	Dosages
2:00–2:30	Chapter 19:	Alternative and Supplemental Sources for Disinfection and Oxidation. (30 min)
2:30–2:45		BREAK (15 min)
2:45–3:05	Chapter 16:	Stabilization (20 min)
3:05–4:50	Chapters 6-8:	Water Collection Systems (25 min), Pumps and Pumping (20 min), & Filtration (60 min)
4:50–5:00		Review and assign quiz (10 min)

DAY 2

8:00 – 8:20		Review quiz (20min)
8:20 – 8:40	Chapter 9:	Flow Meters, Feeders and other Mechanical Devices (20 min)
8:40 – 8:55	Chapter 10:	Heaters and Heating (15 min)
8:55 – 9:25	Chapter 20:	Concepts of Automation (30 min)
9:25 – 9:40	Chapter 21:	Deck Equipment (15 min)
9:40 – 10:00	Chapters 22-23:	Spas, Special Case Pools, & Water Parks (20 min)
10:00 – 10:15		BREAK (15 min)
10:15 – 10:40	Chapter 24:	Problems and Solutions (25 min)
10:40 – 10:50	Chapter 25:	Preventative Maintenance (10 min)
10:50 – 11:05	Chapter 26:	Design Considerations (15 min)
11:05 – 11:15	Chapter 27:	Purchasing and Contracting (10 min)
11:15 – 12:00	Chapter 28-29:	Common Sense Safety (30 min) & Risk Management (15 min)
12:00 – 1:00		LUNCH (60 min)
1:00 – 1:15	Chapter 30:	Innovations (15 min)
1:15 – 1:40	Chapter 31:	An Overview of Leadership, Management, and Organization (25 min)
1:40 – 1:55		REVIEW (15 min)
1:55 – 2:00		BREAK (5 min)
2:00 – 5:00		FINAL EXAM (3 hours)