

Monmouth County Fire Academy

Basic Pump Operations Course – Spring 2024

<u>Night 1: May 13, 2024</u>		Topic	Hours	Instructor
Orientation		Registration, Course Materials	1900-1915	
Lecture		Chapter 1 Pump Operator Duties and Responsibilities	1915-1945	
Lecture		Chapter 4 Principles and Construction	1945-2045	
Lecture		Chapter 5 Pump Peripherals (Tool lab – pump body cafeteria)	2045-2200	
<u>Night 2: May 14, 2024</u>				
Lecture		Chapter 7 Water Supply	1900-2030	
Lecture		Chapter 8 Pump Operations	2030-2200	
<u>Night 3: May 15, 2024</u>				
Lecture		Chapter 9 Discharge Maintenance and Trouble-shooting	1900-2030	
Lecture		Chapter 8 Introduction to Hydraulic Theory and Principles	2030-2200	
<u>Night 4: May 16, 2024</u>				
Lecture		Chapter 11 Fireground Flow and Friction Loss	1900-2030	
Lecture		Chapter 12 Pump Discharge Pressure Calculations	2030-2200	
<u>Day 5: June 8, 2024 or June 15, 2024</u>				
Drill		Three station rotation (drill ground)	0800-1200	Staff
		Lunch	1200-1230	
Drill		Three station rotation (drill ground)	1230-1600	

Notes:

Class size capped at 40 students

Classes with greater than 20 students will have two separate drill ground days. Half the class will attend one day and half the other.