

Monmouth County Fire Academy

2024 Basic Pump Operations Course

<u>Night 1: October 21, 2024</u>		<u>Topic</u>	<u>Hours</u>	<u>Instructor</u>
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		2045-2300	
<u>Night 2: October 23, 2024</u>				
Lecture	Chapter 7 Water Supply		1900-2030	
Lecture	Chapter 8 Pump Operations		2030-2300	
<u>Night 3: October 28, 2024</u>				
Lecture	Chapter 9 Discharge Maintenance and Troubleshooting		1900-2030	
Lecture	Chapter 8 Introduction to Hydraulic Theory and Principles		2030-2300	
<u>Night 4: October 30, 2024</u>				
Lecture	Chapter 11 Fireground Flow and Friction Loss		1900-2030	
Lecture	Chapter 12 Pump Discharge Pressure Calculations		2030-2300	
<u>Day 5: November 16, 2024 or November 23, 2024</u>				
Drill	Three station rotation (drill ground)		0800-1200	Staff
	Lunch		1200-1230	
Drill	Three station rotation (drill ground)		1230-1600	