

SUBJECT	TEXT	ASSIGNMENTS	EXAMS		DATE	SCORE
1. Basic Pneumatics	TPC Training Systems #309 Mechanical Maintenance	Unit 309: 10 Study Hours Request and complete Handout Exam.	Unit 309	1st 2nd 3rd		
2. Pneumatic Trainer	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #11 - 40 Hours	Instructor Test	1st 2nd 3rd		
3. Fluid Hydraulics	Eaton Industrial Hydraulic Manual TC-101-05-E-1	Chapter 10: 2 Study Hours Request and complete Handout Exam.	Chap. 10	1st 2nd 3rd		
		Chapter 11: 2 Study Hours Request and complete Handout Exam.	Chap. 11	1st 2nd 3rd		
		Chapter 15: 2 Study Hours Request and complete Handout Exam.	Chap. 15	1st 2nd 3rd		
		Chapter 17: 2 Study Hours Request and complete Handout Exam.	Chap. 17	1st 2nd 3rd		
4. Hydraulics Trainer	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #9 - 40 Hours	Instructor Test	1st 2nd 3rd		
5. Power Transformers	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 23: 3 Study Hours Request and complete Handout Exam.	Cha. 23	1st 2nd 3rd		
6. Circuit Breakers	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 30: 5 Study Hours Request and complete Handout Exam.	Cha. 30	1st 2nd 3rd		
	O&M Training Center Hand- Book on Circuit Breakers	Read entire Handbook: 5 Study Hours Request and complete Handout Exam.	O&M Handbook	1st 2nd 3rd		
7. Transformers and PCB's	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #8 - 40 Hours	Instructor Test	1st 2nd 3rd		
8. Protective Relays	General Electric (Intro.)	Pages 1 through 7: 3 Study Hours Request and complete Handout Exam.	Pages 1--7	1st 2nd 3rd		
	Westinghouse Silent Sentinel	Chapter 1: 3 Study Hours Request and complete Handout Exam.	Cha. 1	1st 2nd 3rd		
	Westinghouse Silent Sentinel	Chapter 2: 3 Study Hours Request and complete Handout Exam.	Cha. 2	1st 2nd 3rd		
	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 27: 3 Study Hours Request and complete Handout Exam.	Cha. 27	1st 2nd 3rd		
	Operations and Maintenance Manual	Read for reference only.	None			

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9. Protective Relays	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #10 - 40 Hours	Instructor Test	1st 2nd 3rd		
10. System Operations	See Chief Operator	Shift assignment to another Area Control Center-40 hours Request and complete Handout Exam.	Exam	1st 2nd 3rd		
11. Piping Systems	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 8: 3 Study Hours Request and complete Handout Exam.	Cha. 8	1st 2nd 3rd		
12. Surge Chambers	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 12: 3 Study Hours Request and complete Handout Exam.	Cha. 12	1st 2nd 3rd		
13. 3rd Six Month Final Exam	Review all text study material	Field Division Proctor to administer. Closed-book 3rd-Six Month Final Exam	3rd Six Month Final Exam	1st 2nd 3rd		
14. 3rd Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor.	Supervisor Test	1st 2nd 3rd		