

SUBJECT	TEXT	ASSIGNMENTS	EXAMS		DATE	SCORE
1. System Operations	See Chief Operator	Shift assignment to another Area Control Center-40 hours Request and complete Handout Exam.	Exam	1st 2nd 3rd		
2. Prints and Drawings	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 13: 3 Study Hours Review	None			
	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 25: 3 Study Hours Request and complete Handout Exam.	Cha. 25	1st 2nd 3rd		
	TPC Training Systems #101 Maintenance Fundamentals	Unit 101: 20 Study Hours Request and complete Handout Exam.	Unit 101	1st 2nd 3rd		
	TPC Training Systems #102 Maintenance Fundamentals	Unit 102: 20 Study Hours Request and complete Handout Exam.	Unit 102	1st 2nd 3rd		
3. Electrical and Mechanical Print Reading	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #13 - 40 Hours	Instructor Test	1st 2nd 3rd		
4. Instrumentation	Basic Instrumentation, 4th Edition, Petroleum Ext. Service	Chapter 1: 2 Study Hours Request and complete Handout Exam.	Cha. 1	1st 2nd 3rd		
		Chapter 3: 2 Study Hours Request and complete Handout Exam.	Cha. 3	1st 2nd 3rd		
		Chapter 4: 2 Study Hours Request and complete Handout Exam.	Cha. 4	1st 2nd 3rd		
5. System Operations	See Chief Operator	Shift assignment to another Area Control Center-40 hours Request and complete Handout Exam.	Exam	1st 2nd 3rd		
6. Instrumentation	Basic Instrumentation, 4th Edition, Petroleum Ext. Service	Chapter 5: 2 Study Hours Request and complete Handout Exam.	Cha. 5	1st 2nd 3rd		
		Chapter 6: 2 Study Hours Request and complete Handout Exam.	Cha. 6	1st 2nd 3rd		
		Chapter 7: 2 Study Hours Request and complete Handout Exam.	Cha. 7	1st 2nd 3rd		
		Chapter 8: 2 Study Hours Request and complete Handout Exam.	Cha. 8	1st 2nd 3rd		
		Chapter 9: 2 Study Hours Request and complete Handout Exam.	Cha. 9	1st 2nd 3rd		
		Chapter 10: 2 Study Hours Request and complete Handout Exam.	Cha. 10	1st 2nd 3rd		

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Instrumentation (continued)	Basic Instrumentation, 4th Edition, Petroleum Ext. Service	Chapter 11: 2 Study Hours Request and complete Handout Exam.	Cha. 11	1st		
		Chapter 12: 2 Study Hours Request and complete Handout Exam.	Cha. 12	1st		
	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 26: 2 Study Hours Request and complete Handout Exam.	Cha. 26	1st		
7. Mechanical Hydraulic Governors	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 11: 3 Study Hours Request and complete Handout Exam.	Cha. 11	1st		
	Corp. of Engineers Supplement #20	Supplement #20: 4 Study Hours Request and complete Handout Exam.	Supl. 20	1st		
	Woodard Governor Company Bulletins: #25031, #25014A, and #11004A	Read for reference only: 6 Study Hours	None			
8. Generators, Voltage Regulators, and Governors	Principles of Hydro-Electric Power, Volume II - Review Ch. 19, 20, 21, 22, 28 & 29	On the job field assignment to an area with generation to start/stop/protect generation equipment: 40 Study Hours	Supervisor to Certify			
	Corps. Of Engineers Supplement #20 - Review					
9. High Voltage Switching	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #23 - 40 Hours	Instructor Test	1st		
10. Governors and System Operations	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class # 14 - 40 Hours	Instructor Test	1st		
11. Extra High Voltage	G.E. Technical Pamphlet #7207 - GE Art of Protective Relaying	Read and submit a report as to why EHV systems need to be treated differently than lower voltage systems: 6 Study Hours	Supervisor to Certify			
12. System Operations	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 31: 2 Study Hours Request and complete Handout Exam.	Cha. 31	1st		
		Chapter 32: 2 Study Hours Request and complete Handout Exam.	Cha. 32	1st		
		Chapter 33: 2 Study Hours Request and complete Handout Exam.	Cha. 33	1st		
		Chapter 34: 2 Study Hours Request and complete Handout Exam.	Cha. 34	1st		
		Chapter 35: 2 Study Hours Request and complete Handout Exam.	Cha. 35	1st		

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13. PLC/SCADA	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #15 - 40 Hours	Instructor Test	1st 2nd 3rd		
14. Auxiliary Systems	Plant piping prints	Submit a folder of hand drawn diagrams showing all air, oil, and water services to a main unit: 48 Study Hours	Supervisor to Certify			
15. System Operations	See Chief Operator	Shift assignment to another Area Control Center-40 hours Request and complete Handout Exam.	Exam	1st 2nd 3rd		
16. Safe Clearance Procedures	Project O&M Instruction OP-2	Classroom work, Operations to certify.	Instructor Exam			
17. 4th Six Month Final Exam	Review all text study material	Field Division Proctor to administer. Closed-book 4th-Six Month Final Exam	4th Six Month Final Exam	1st 2nd 3rd		
18. 4th 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		