

**APPRENTICE RECORD
HEP ELECTRICIAN
RELATED TRAINING**

BEGINNING W/GROUP #XXXI

SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
1. Switches and Switching Equipment	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 30: 10 Study Hours Request and complete Handout Exam.	Cha. 30		
2. Transmission Lines, Switch Rack, and Lighting Protection	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 31: 10 Study Hours Request and complete Handout Exam.	Cha. 31		
3. Transformers	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 23: 10 Study Hours Request and complete Handout Exam.	Cha. 23		
4. Circuit Breakers	O&M Training Center Handbook on Circuit Breakers	Read entire Handbook: 10 Study Hours Request and complete Handout Exam.	O&M Handbook		
5. Transformers and PCB Equipment	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #8 - 40 Hours	Instructor Test		
6. Providing Electrical Protection and Safety	TPC Training Systems #205 Electrical Systems	Unit 205: 10 Study Hours Request and complete Handout Exam.	Unit 205		
7. Protective Equipment	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 27: 10 Study Hours Request and complete Handout Exam.	Cha. 27		
8. Protective Relaying	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #10 - 40 Hours	Instructor Test		
9. Making Measurements	TPC Training Systems #104 Maintenance Fundamentals	Unit 104: 20 Study Hours Request and complete Handout Exam.	Unit 104		
10. Using Hand Tools	TPC Training Systems #107 Maintenance Fundamentals	Unit 107: 20 Study Hours Request and complete Handout Exam.	Unit 107		
11. Using Portable Power Tools	TPC Training Systems #108	Unit 108: 20 Study Hours Request and complete Handout Exam.	Unit 108		
12. 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		
13. 3rd Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor	Supervisor Test		