

SOUTHERN CALIFORNIA SURVEYORS
JOINT APPRENTICESHIP COMMITTEE
A JOINT LABOR-MANAGEMENT TRAINING PROGRAM



CHAINMAN APPRENTICESHIP PROGRAM
ON THE JOB TRAINING
WORK PROCESSES

Apprentice A - \$20.45 per hour

0 to 500 Hours

Introduction to:

TOOL CARE AND SAFETY

1. Use and care of hand tools
2. Care of survey vehicle and equipment
3. Care and handling of survey instruments
 - a. Removing from and replacing in the box
 - b. Carrying equipment mounted on a staking staff or tripod
 - c. Setting up instruments
- *4. Safety practices
 - a. First Aid and First Aid Kits
 - b. Use of sharp tools
 - c. Precautions for jobsite hazards
5. Understanding survey terminology and use of hand signals
6. Procedures for stake driving and marking and placing of guard stakes of witness lath

Apprentice B - \$23.85 per hour

500 to 1,000 Hours

Review of skills 1-6, introduction to:

FIELD STAKING PROCEDURE

7. Use of stationing systems
- *8. Methods of note keeping and sketching
9. Setting of bench marks and turning points
10. Setting of survey monuments
11. Rules of good public relations and relations between colleagues

Apprentice C - \$27.26 per hour

1,000 to 2,000 Hours

Skilled in 1-6, review of 7-11, introduction to:

SURVEY INSTRUMENT OPERATION

12. Operation of a level and level note keeping
- *13. Use of GPS/RTK
14. Use of scanners

Apprentice D - \$30.67 per hour

2,000 to 3,000 Hours

Skilled in 1-11, review of 12-14, introduction to:

ADVANCED FIELD METHODS

15. Methods for peg adjustment of a level
16. Methods of plan reading
17. Methods of preparing grades and cut sheets
18. Methods of referencing survey control/ties
19. Topographic survey procedures

Apprentice E - \$33.59 per hour

3,000 to 4,000 Hours

Skilled in 1-19, introduction to:

FIELD CALCULATION

20. Methods of basic field calculation
21. Methods and application of staking curves horizontal and vertical
22. Project control calculation and traverse adjustment

Apprentice F - \$36.51 per hour

4,000 to 5,000 Hours

Skilled in 1-22, introduction to:

QUALITY ASSURANCE

- *23. Staking procedures for various projects
- *24. Preparation of stakes and materials for jobsite layout
25. Identification of safety hazards
26. Review of staking information for accuracy
- *27. Electronic transfer and filing of job information

Apprentice G - \$38.94 per hour

5,000 to 6,000 Hours

Skilled in 1-27, introduction to:

PROJECT PLANNING

28. Identification of required jobsite accuracy
29. Techniques of analyzing jobs for efficient procedures
30. Basic criteria and procedures for property surveys

Chainman - \$48.68 per hour

6,000 Hours

*Skilled in 1-30. Complete Program as a journeyman chainman

* These topics include "green curriculum".

Wage rates effective 10-01-19 through 09-30-20

10.01.19