



**CALIFORNIA APPRENTICESHIP COUNCIL
Voice-Data-Video Industry
Advisory Committee**

Sound and Communications / VDV

Minimum Industry Training Criteria

DOT CODE 829.281 022

Sound and Communications / VDV Industry

Minimum Training Criteria

DOT CODE 829.281 022

1. Length of Training

Program sponsors shall establish a minimum of a three (3) year program of not less than 4,800 hours of on-the-job training.

2. Related Supplemental Instruction

The required prescribed courses of related and supplemental instruction shall be no less than 150 hours per year. This instruction must include at a minimum the related and supplemental training processes listed in Exhibit "A".

3. On-the-Job Training

Skills to be learned: See Exhibit "B".

4. Competency Testing

All apprentices must pass a competency test prior to the time of their advancement to the next higher level. The tests shall be based on all Related and Supplemental Instruction and manipulative skills test based on laboratory assignments. Periodic testing shall be done during each level of coursework and apprentices shall not advance to the next level unless they have achieved an average score of 70% or higher. Tests shall be based on all Related and Supplemental Instruction and laboratory assignments.

5. Completion Percentages

Program sponsors must have a 45% graduation rate of all apprentices that satisfactorily complete the first year of the program.

6. Revisions

The schedule for revisions to the Sound and Communications Industry Training Criteria shall be in accordance with Labor Code Section 212.01

EXHIBIT “A”

Related and Supplemental Instruction Topics

For Sound and Communications / VDV Industry Criteria

DOT CODE

829.281 022

RELATED AND SUPPLEMENTAL INSTRUCTION

- | | |
|---|---|
| 1. Safety, First Aid/CPR | 13. MATV/CATV/SATV |
| 2. DC Theory | 14. Master Clock Systems |
| 3. AC Theory | 15. Nurse Call Systems |
| 4. Codes, Standards, Installation Practices | 16. Paging and Alert Systems |
| 5. Blueprints | 17. Power Quality |
| 6. Conductors – Wire and Cable | 18. RF Communications |
| 7. Audio Visual Systems | 19. Security and Access Control Systems |
| 8. Closed Circuit Television | 20. Semiconductors |
| 9. Fiber Optics | 21. Sound Reinforcement Systems |
| 10. Fire Alarm / Life Safety | 22. Structured Cabling |
| 11. Grounding and Bonding | 23. Telephony |
| 12. Network Systems | |

EXHIBIT “B”

Work Processes

For Sound and Communications / VDV Industry Criteria

DOT CODE 829.281 022

WORK PROCESSES

- A. Component Installation
- B. Wire and Cable Installation
- C. Splicing and Termination
- D. Maintenance and Service
- E. Testing and Start-Up



**CALIFORNIA APPRENTICESHIP COUNCIL
Voice-Data-Video Industry
Advisory Committee**

Don R Davis (3)
Electrical Training Institute
6023 South Garfield Avenue
City of Commerce, CA 90040

Gary Leder
Electric Service and Supply Company
2668 East Foothill Blvd
Pasadena, CA 91107

Kevin Hartnett (2)
Laser Electric, Inc
9920 Scripps Lake Drive #105
San Diego, CA 92131

Ken Miller (1)
NorCal Sound and Communication JATC
911 Bern Court Suite 100
San Jose

George Stivers
Bergelectric Corp Contrs/Engineers
650 Opper Street
Escondido, CA 92029-1020

Rick Hecht
Orange County Electrical Training Trust
29075 Turtle Rock Court.
Quail Valley, CA 92587

Tom Swanson
Rex Moore Electrical Contractors
3601 Parkway Place
West Sacramento, CA 95691

Scott Stephan
IBEW Local 302
1875 Arnold Drive
Martinez, CA 94553

Bob Brady
Tri-Signal
5007 Windplay Drive
El Dorado Hills, 95762

John Sawtelle
IBEW Local 332
2125 Canoas Garden Avenue Suite 100
San Jose, CA 95125

Dick Johnson
Johnson Electronics
78 Malarin Street
Salinas, CA 93901

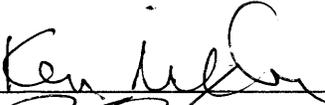
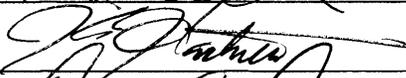
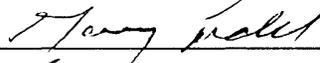
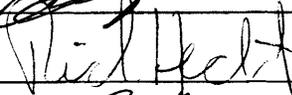
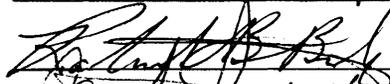
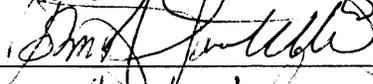
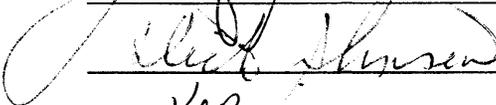
Kim Briggs
Dunamis Systems
6034 Rainbow Heights Road
Fallbrook, CA 92028

(1) Chairman
(2) Co-Chairman
(3) Secretary



**CALIFORNIA APPRENTICESHIP COUNCIL
Voice-Data-Video Industry
Advisory Committee**

The foregoing Criteria is hereby agreed to and adopted

		<u>Date</u>
Ken Miller		1/22/08
Kevin Hartnett		1/14/08
Don R Davis		1/16/2008
Gary Leder		1/17/2008
George Stivers		1/15/08
Rick Hecht		1/16/08
Tom Swanson		1/17/08
Scott Stephan		1/22/08
Bob Brady		1/17/08
John Sawtelle		1/22/08
Dick Johnson		1/22/08
Kim Briggs		1/15/08