

**Audio Video Residential Cabling/Control Technician – AVR-CCT      July 20, 2004**  
**(title subject to change)**

**COMPETENCIES DEVELOPMENT - CATEGORIES ESTABLISHMENT**  
**(Proposal for NCEE to consider adoption as a major category of competencies)**

- 1.0    AVD Systems, Components, Terminology
- 2.0    Safety
- 3.0    Electronics Basics
- 4.0    Signals – Audio/Video/Data
- 5.0    Telephone Systems – Data & Voice
- 6.0    Cabling
- 7.0    Grounding
- 8.0    Standards – NFPA, NEC, TIA-EIA
- 9.0    Cable TV
- 10.0   Pre-Wiring – Site Management
- 11.0   TV-Radio Antennas
- 12.0   Satellite Systems
- 13.0   House Wiring – Schematics
- 14.0   Retrofitting – Premises Restoration
- 15.0   Speakers/Video Display Devices
- 16.0   Computers – Network Systems
- 17.0   Security – Alarm Systems
- 18.0   Environmental and Functions Controls
- 19.0   Signal Distribution – Sound/Video/Data
- 20.0   Internet and Network Interconnections
- 21.0   Acoustics and Products Integration
- 22.0   Tools & Test Equipment
- 23.0   Troubleshooting – Service Skills

## 24.0 Customer Orientation - Documentation

END

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