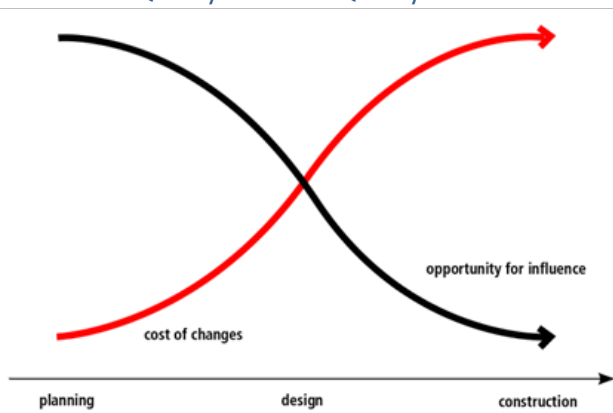


Training and Certification

"Saving the AV Industry...one system at a time"

Certified Quality Designer - AV

It is much more difficult and expensive to fix a mistake in the design and/or installation of the audiovisual system if it is detected later in the project cycle. Making corrections and improvements during the design stage is always preferable to catching them at the end of the project. This idea is the foundation of Quality Assurance instead of Quality Control. Quality Assurance includes checks and measures at strategic points in the project



process to ensure that the system is aligned with the client's needs. Quality Control only tests the system at the end of the project. It stands to reason that the design review is one of the most important checks and balances in the project process. The cost of change is at a minimum and the opportunity for influence is at a maximum. A proper and complete design review will often be the difference between successful and disastrous projects, or stated differently, the difference between satisfied clients and ex-clients. The CQD program does NOT train you on how to design a system. It addresses the skills that are required to adequately

review a design, ensure that it will perform as stated in the specification, and prepare the student to apply auditing skills to accomplish this. These skills are absolutely required to be a successful audiovisual designer or engineer, and will tremendously increase your clients' satisfaction (and your profits).

Course Outline

- General
 - Quality Principles and definitions: defining quality; quality assurance vs. quality control; quality management systems;
 - Working within an ISO9000 QMS (Quality Management System): quality records;
 - Applying auditing principles and practices
- Contract Review
- Client Performance Checklist; AV Metrics
- AV Calculations
- Design Review/Engineering Review
 - Display, creating an EDID Plan
 - Audio
 - Power, control, heat load
 - Network
 - "General issues"
- The Design Review Report
- Practicum
- Examination and Registration