



Title: Design Assistant
Reports to: Sr. Design Engineer
Class: Intern
Type: Hourly
Revised: 6/19/2008

Primary Role:

Provide technical input and design regarding new or retrofit systems. Suggest technical alternatives, develop cost estimates, and manage all work to meet project deadlines. Maintain a comprehensive knowledge of A/V systems so as to develop technical solutions and conceptual engineering design specifications that meet customer requirements.

Responsibilities:

1. Provide details and AutoCAD drawings used for fabrication and installation of audio, video, lighting, power & conduit and control systems.
2. Test and program control systems, computer controlled digital signal processors, routers and mixers.
3. Creates equipment lists, floor plans, rack and console elevations.
4. Creates test plans and test systems.
5. Must be able to provide economically feasible audio/visual, sound, RF, conferencing and network systems design, and propose products for suitability and reliability for use on projects.
6. EASE computer modeling and acoustical work on existing and new construction projects.
7. As built drawing documentation and project completion filing.

Qualifications

The Intern Design Engineer shall possess a two-year electronics degree from an accredited college or university. This person must be able to manage multiple tasks simultaneously and work well with other people. Have a keen sense of spatial relationships, reasoning ability and good mathematical skills. Ability to fluently work with software programs such as, but not limited to AutoCAD, EASE, Crestron, Microsoft Office and other industry related software.

Other:

This job description does not list all the duties of the job. You may be asked by management to perform other instructions and duties. You will be evaluated in part based upon your performance of the tasks listed in this job description.