# CASE STUDY

Consulting * Design * Installation * Programming * Maintenance

## Santa Rosa Junior College


### BACKGROUND

The need for a new library at Santa Rosa Junior College (SRJC) became apparent when an accreditation group visited the campus and recommended expansion to meet the technology and classroom demands of the growing student population. The Frank P. Doyle Library opened in 2006 and serves both the Santa Rosa and Petaluma campuses with library and media services.

### DESIGN GOAL

To achieve seamless integration of technology into multiple spaces throughout the 145,000 square foot library absolute teamwork was required between CompView, the A/V consultant and the SRJC Manager of Media Services. Communication and planning were of critical importance to integrate the equipment SRJC already owned with the new technology. The technology enabled spaces included; media viewing rooms, multiple carrels for students to view instructional media, a complete high definition digital color television studio, two technology enriched classrooms for video conferencing and distance learning, a center for new media, and a faculty support area for curriculum development and technology integration.

### SOLUTION

CompView worked closely for 18 months with the A/V consultant and the SRJC Manager of Media Services to engineer and install all of the audio, video and broadcast aspects of this fully integrated multimedia library. The first floor entrance leads into the foyer where visitors are greeted by a 46" Samsung plasma display which shares information regarding academic programs and special events.

Just past the foyer is the Media Service Center reception desk where students request access to media then sit at one of 17 viewing carrels. The media is loaded in players located behind the desk by the Media Services staff; students then play/review material at their media carrels by remote control. This arrangement allows the Media Services Dept. to maintain custody of the media at all times.

Down the hall two media teaching rooms host local and distance learning classes on graphics, video and other multimedia topics. The rooms are also used to record staff/faculty meetings and host joint meetings with the Petaluma campus. If necessary, these sessions may be recorded digitally.

Instructional media resources in the media teaching rooms include; a retractable blue screen behind the presenter which enables the control booth to digitally add video or graphics—similar to the news weather man; dual 42" LG LCD displays serving as "confidence monitors" for the presenter, three ceiling mounted projectors display class content on dual electric screens on either side of the podium, a ceiling mounted document camera, two Sony cameras located on the back wall capture video of the instructor and front of classroom, and dual Sony cameras located on the wall behind the instructor capture the classroom for meetings or distance learning classes. Media services staff located in the media teaching control room operate the video cameras, shooting angles, sound, displays, and screens. The class or meeting may then be sent over a video conference system, archived or streamed live from the college server. All of the audio and video equipment is controlled using custom IP-based software which enables control of room functions from anywhere on the network via authorized browser interface. Lastly, the four media viewing rooms enable small groups of 10–12 people to view the media teaching rooms and broadcast studio or engage in video conferencing, and view a variety of different types of multimedia projects. The rooms are equipped with LG M3700 LCD displays and two of the rooms are equipped with Tandberg 3000MXP videoconferencing systems and Sony cameras. All of the rooms are surround Sound 5.1 enabled allowing for a full media viewing experience.

As a result of careful planning and implementation, all of the media enriched spaces in the new Frank P. Doyle Library provide students and staff with valuable technology resources. The SRJC Media Services Department appreciates the resourceful use of existing equipment, the professional integration of new equipment and the additional capabilities of the new facility.