



Situation

The 76,000 square foot Dodge College of Film and Media Arts was a long time dream of Dodge College's Dean Bob Bassett, and modeled after a real working production studio where students could learn and get hands-on experience with equipment equal to—and in some cases surpassing—that of professional Hollywood studios. Dodge College offers undergraduate degrees in film production, screenwriting, film studies, television and broadcast journalism, as well as public relations and advertising. The Conservatory of Motion Pictures offers several masters degrees in film, including M.F.A. degrees in film production, film and television producing, screenwriting and an M.A. in film studies. Students in the M.F.A. for film production pursue specializations in directing, cinematography, editing, production and sound design.

Solution

Folino Theater

The Folino Family Cinema is a sprawling, classically inspired, red velvet 500-seat cutting edge facility centrally located within Dodge College, making it the heart of the campus. The theater is completely THX compliant with five JBL 4632-T and two JBL 4642 subwoofer speakers recessed behind the screen so that sound appears to be flowing out from the action. In addition, twenty-six JBL 8340-A speakers are embedded all along the sides of the theater in order to facilitate the surround sound feature. In the rear, fifteen JBL 322-CT ceiling speakers with speech-reinforcement and rear-delay fill compensate for the limitations of the front speakers by allowing the sound in the back to match the sound traveling in from the front. Situated towards the front are two JBL AM621 2 speech reinforcement speakers.

Further integrated in this space is a Digidesign Pro-Tools mixing console found in the center, making it ideal for a student to mix and edit sound in a large theater environment. Four JBL Control 1 28-W speakers in a near fields mix mode system can be found on the pony wall directly behind the console enabling ideal listening during mixing. The projection room houses three 35/16mm Kinoton FP 38-ES projectors with rock and roll capabilities. The rock and roll aspect allows the operator to jog quickly and easily back and forth during mixing. Additionally, the projection room houses a top-of-the-line 2K digital Barco cinema projector; offering the best in color contrast, space, resolution and brightness. TV One was implemented in the theater and is used as a video switcher allowing the operator to preview video source geometry and color. It allows for a seamless transition from video to projector as well.

Crestron was chosen for the control system because of its functionality and user friendliness. The Crestron Control System utilizes a single piece of CAT 5 cable for auxiliary I/O panels making it easy to install. In addition, the control system relieved the use of heavy structure cabling.

Rotunda Board Room

The most elaborate of the conference rooms is the Rotunda Board Room, a lavish multi-media conference room designed specifically for key meetings and weekly dinners with Hollywood filmmakers and VIP receptions for donors and other guests. Spinitar was responsible for all the work done in this area. The space includes a 60-inch plasma screen hidden behind large hardwood pocket doors, a Crestron Control System, Denon Surround Processor and JBL Control 1 speakers behind an acoustical cloth in the left, center and right

of the room. JBL Control 26C surround speakers were installed to enable the Dean and faculty members to capture the full effect during the screening of student and guest filmmaker work. Half the room is a view of the city that can be admired via the row of windows situated all along the rear perimeter of the space. Electric solar shades prevent natural lighting from interfering during screenings.

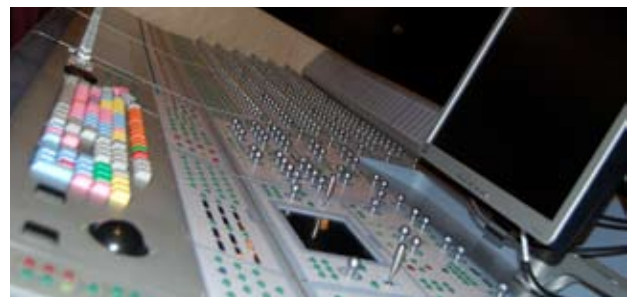
Learning Resources

Lesson areas were designed after the Smart Classroom in order to make AV integration as consistent as possible from classroom to classroom. Panasonic PT-3500 Projectors were installed in the Small Tiered, Flex, Picture, Audio and Production Design classrooms. The Cinematography and Large Tiered classrooms were equipped with Panasonic PT-DW7000 projectors. These projectors were implemented to enhance the students' learning experience by providing an accessible platform for which to view video incorporated within lesson plans. Classrooms were also built to include Denon Surround Systems and Crestron Control Systems. They are unique in that most of them can handle broadcast level signals, making them completely functional TV/film working/learning environments. In addition, TV One was also implemented in the classrooms to allow multi window processing. The technology allows professors to show multiple images, like a power point presentation and video at the same time. The campus includes 36 individual edit suites equipped with video, sound and voice recording editing systems all hooked up to the 128-terabyte Avid ISIS server which digitally stores all media assets enabling them to be viewed in conference rooms, faculty offices, classrooms, etc. The facility's two Machine Rooms house all Avid servers, tape machines, intercom systems and central control

systems. Located near the editing suites is the impressive Telecine room which contains 1.3 million dollars worth of equipment that converts video from analog to digital. Stantron and Middle Atlantic racks provided equipment closures in various parts of the facility.

Working Stages

In addition, Dodge College includes 4,000 and 2,500-square-foot sound stages for on site shooting. The facility also boasts stages for broadcast journalism, cinematography and television. Other capabilities include Motion Capture and Foley Studios, a green screen and Dolby surround mixing. Further innovative features include a functional light fixture found in the ceiling in all hallways, hiding cabling while making rewiring easy and accessible.





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