



Case Study: Rancho Buena Vista High School

CTE Program Teacher of the Year Instructs Students Video Production at Vista CA High School

Challenge:

The mission of the Vista Unified School District Career Technical Education program is to create career opportunities by teaching state-of-the-art industry skills that combine academic knowledge and hands-on technical training. The trouble was Rancho Buena Vista High School didn't have a TV studio for its Video Production Program.

Solution:

PAC Engineering, as part of the team put together by CTE Coordinator Kelly McKinney and Alpha Studio Design Group, met with Kelly and teacher Chris Tompkins to access the current and future needs of the program. The end result was the state-of-the-art news studio they knew they needed.

One of the little-used classrooms was converted into the studio, which includes three HD cameras, TriCaster production package, graphics and prompter systems. Central to the new design are 2 professionally designed sets for news and interviews plus a chroma key wall.

The students shoot stories on their new HD field cameras, transfer the files to edit on Apple iMac computers using the latest version of Adobe Premier software. There are also 3 Audio Suites for audio production using Mac Pro computers.

In addition to the studio production facility, they also now have a portable TriCaster Mini production system with field cameras and prompter for use at the football field, theater or any other remote location.

The students are no longer limited by their old technology. This new system has improved the value of education, sharing of knowledge and collaboration using standard professional broadcast equipment.



Technologies:

- NewTek TriCaster Studio and Field Production Systems
- Yamaha and Mackie Audio Mixers
- Apple Mac Pro and iMac Edit Workstations
- Telex Intercom System
- Ensemble Design and AJA Distribution and Processing Systems
- AJA and Extron Video Routers
- JVC Studio and Field Cameras
- Brightlines Studio Lights
- Gil Jimenez SmartSets Studio Set Design
- HighTech Furnishings Custom Studio Sets and Consoles
- JBL Speakers
- ESE Clocks
- Ikan Studio Pedestals
- Prompter People Prompter System
- Sennheiser Wireless Microphones
- Middle Atlantic Racks
- Epson Projector
- Crown and RDL Amplifiers