

# EDUCATIONAL SYSTEMS PLANNING

ESP



Designs for Learning

## Seaford School District (DE) Seaford High School New Tech Academy

Educational Systems Planning is currently providing educational programming assistance, technology planning, learning space design assistance, and voice, video, AV, and data communications infrastructure design for three additions and renovations to the Seaford High School. The New Tech Academy will be the first in Delaware, the 63rd in the country and will open in the fall of 2011 in the existing high school. The Academy gives students a comprehensive academic program featuring project based learning and integrated use of AV systems and 1 to 1 e-learning with laptops. Designed to mimic a modern business, students are required to learn and complete projects in a way that prepares them for college and the workplace. Learning is student centers, team and collaborative focused, active, and rich in supportive use of technology.

Learning spaces will feature large, open double sizes classrooms with mobile furniture and a professional look. The Academy will have wide collaborative corridors with casual gathering spaces. The New Tech Network relies on the smart use of technology to support innovative approaches to instruction and culture.

Classroom AV systems shall include a combination of content origination sources, input sources, cable and pathway infrastructure, wall and desk mounted monitor display devices, audio devices, speakers and microphones to provide a rich multimedia experience within the classroom environment. The specific system shall allow a presenter's voice to be amplified via a collar or a hand-held infrared microphone. The system shall be integrated with other classroom equipment and software systems such as on-line student management, laptops, DVD, data network and cable connections to amplify sound from those sources as well. The system has the ability act as a mixer to switch audio sources and control volume levels on multiple inputs. Picture shown to right is a typical New Tech High classroom.



### **Client:**

**Seaford School District**

### **Location:**

*Seaford, DE*

### **Services:**

*Educational programming, Space layout, Voice, Video, AV, and Data, Systems IT Design*

### **Relevant Facts:**

- *New Tech Academy of Delaware, 50,000 SF*
- *Culinary Arts Addition, 10,000 SF*
- *Agriculture Science Addition, 4,000 SF*
- *8th Grade Academy*
- *\$36,500,000 CCE*
- *Wireless LAN*
- *Advanced Integrated*
- *A/V Systems*
- *Building-wide data, and telephone systems*