

QUICK FACTS ABOUT TECHNOLOGY @ ELDER HIGH SCHOOL

Functionality

- 12 custom applications (originated as student projects)
 1. EHS Schedules
 2. EHS PT Conferences
 3. EHS Attendance
 4. EHS Sports
 5. EHS Grades
 6. EHS Internet
 7. EHS Intranet
 8. EHS SIS (Anzio)
 9. EHS Cars
 10. EHS Vegas
 11. EHS Tournament
 12. EHS Resource Reservation
- Faculty Websites: Dedicated drive for FrontPage-driven websites, instantly published
- Dynamic Intranet: Calendar postings and announcements automatically authenticated; Document repositories; Bulletin boards: Polling features
- Learning Management System- Project Extend via Blackboard with auto student update
 1. Content- shareable among faculty and students
 2. Communication- student email, bbs, whiteboard, chat
 3. Assessment- automatically graded and normed objective tests, student tracking
- EHS TV Station
 1. Full digital video editing, including switching and chroma-key technology
 2. Studio lighting and audio
 3. HiDef Sony camcorders
 4. Web streaming: both live and on-demand
- Video-on-Demand + Network Manager via Discovery Learning/United Streaming
 1. immediate access to a collection of thousands of educational media segments,
 2. Each is program is indexed for easy previewing, and digital teacher guides and lesson plans reside with the video and are immediately accessible and printable
- Full partnership with Microsoft, which provides:
 1. Free software for students; Access to latest development tools/software for students/staff
 2. Windows XP on all student and faculty computers
- 2006 Complete SQL-based/web-accessible Student Information System via Blackbaud
- Faculty Training Program Levels: Novice; Proficient; Master
- Remote Access for Faculty: Grading; Network files; Terminal Environment to run Office Apps from server
- Computer-Based Science Labs: EHS has more than a dozen sensors and tools for scientific analysis that connect via USB to one of our wireless laptop labs, including: Voltage; Temperature; Force; EKG; Light; Heart Rate; Gas Pressure; Conductivity; Ph Balance; Motion; Color
- Electronic Help Desk/Tracking Software via Track-IT
- Print Management Services via PrintManager
- Automatic Windows Update Services via WSUS
- Automatic Symantec Virus Update Services via Norton Enterprise
- Interactive, E-Learning for Students and Faculty via LearnKey: MS Office; MS Windows XP; Hardware with Simulated labs, testing, student tracking

Supported Hardware

- 300+ computers, 250 of which are dedicated for student use
- 5 computer labs with projection, screen sharing, wireless mice/keyboard and audio-video technology
- 40 Multimedia Classrooms with computer projection, audio, video, and SmartBoard technology
- 20 networked printers
- 7 multi-processor servers providing:
 1. 200GB of redundant data storage
 2. Windows 2003 Active Directory
 3. IIS Web Server
 4. Virtual Private Network
 5. SQL 2000 Database supporting EHS custom applications
 6. Terminal Server capability
 7. Windows Sharepoint Services for dynamic intranet
 8. Windows Media Server for streaming video over the internet
 9. Automatic OS updating (SUS) and virus protection (Symantec)
- 2 wireless laptop labs, featuring P4 Centrino Technology
- 4 multimedia carts equipped with computer and projector
- 9 digital camcorders and 3 digital cameras available for student use
- 60 student computers with Firewire for digital video editing
- 100 mb network access in every classroom, direct from gigabyte backbone

Supported Websites

- <http://www.elderhs.org>; <http://www.elderhs.net>; <http://www.elderhs.tv>; <http://www.ehsports.com>;
<http://www.tech-reach.org>; <http://www.elderpanthers.org>; <http://www.elderbpa.org>; <http://www.elderband.org>

Supported Applications

Adobe After Effects	DeepFreeze	Microsoft Messenger	School Maestro
Adobe Audition	Giftmaker	Service	Serious Magic
Adobe Pagemaker	Intuit QuickBooks	Microsoft MSDNA ELMS	Communicator Pro
Adobe Photoshop	Intuit TrackIT Web	Microsoft Outlook	Serious Magic DV Rack
Adobe Photoshop Elements	LearnKey	Microsoft PowerPoint	Serious Magic Ultra
Adobe Premiere	Microsoft Access	Microsoft Publisher	Symantec Anti-Virus
Adobe Premiere Pro	Microsoft DV- Moviemaker	Microsoft Sharepoint	Symantec Ghost Server
Auction Tracker	Microsoft Excel	Microsoft Visual Studio	Typing Tutor
AutoCad	Microsoft Frontpage	Microsoft Word	Web Mail
Blackbaud (2006)	Microsoft Internet Explorer	PrintManager	Yearbook Program
Blackboard*		Quark	
		Schedule Star	