2010-2020 TECHNOLOGICAL CHANGES

Data from the 2009 Student Survey at Los Angeles Harbor College:

- More than 88% of our students often or sometimes use a computer at home to do school work.
- Almost 85% often or sometimes use the Internet for an assignment.
- Another 85% utilized the Internet to apply, register, check grades, and add or drop classes.
Excerpts from the National Education Technology Plan (2004):

- 90% of children between ages 5 and 17 use computers.
- 94% of online teens use the Internet for school-related research.
- The largest group of new users of the Internet from 2000-2002 were 2-5 year olds.
- About 25% of all K–12 public schools now offer some form of e-learning or virtual school instruction. Within the next decade every state and most schools will be doing so.
Excerpts from the National Education Technology Plan (2004):

- Today’s students are very technology-savvy, feel strongly about the positive value of technology and rely upon technology as an essential and preferred component of every aspect of their lives.

- Students are not just using technology differently today but are approaching their lives and their daily activities differently because of the technology.

- As students get older, their use of technology becomes more sophisticated, but, comparatively, the younger students are on a fast track to becoming greater technology users and advocates.

- The access point for technology use, particularly for older students, is home-focused, not school-focused.
Excerpt from the National Education Technology Plan (2010):

Just as technology is at the core of virtually every aspect of our daily lives and work, we must leverage it to provide engaging and powerful learning experiences, content, and resources and assessments that measure student achievement in more complete, authentic, and meaningful ways. Technology-based learning and assessment systems will be pivotal in improving student learning and generating data that can be used to continuously improve the education system at all levels.
“Strategic planning goals for the Instructional Technology Planning project are offered below:

Curriculum

- Identify student technology standards and deliver them equitably to all students.
- Identify and implement approaches for using technology resources to support the District’s goals and learning priorities.
- Establish electronic access to appropriate informational and learning resources from school to homes and community centers.
- Provide e-learning opportunities for remediation, acceleration, and possible reduction of class size.”
Growth in Online Programs

- Five colleges in the LACCD are now offering online degrees.
- 74% of the US colleges surveyed in the 2008 Distance Education Survey offer online degrees.
- More Los Angeles Harbor College students who transfer to private colleges/universities in California transfer to the University of Phoenix than any other private college or university.
TECHNOLOGICAL TRENDS SUMMARY

• Almost 90% of our students use computers for school work.

• 90% of children and teenagers use computers.

• They rely upon technology as an essential and preferred component of every aspect of their lives.

• Even LAUSD has a plan for integrating technology and e-learning into their operations.

• Online Degree Programs are the fastest growing sector of higher education.