

# Preparing for School-wide Technology Integration

## Instructional Technology Module Four

### Course Description

Before implementing a technology plan, schools must evaluate the needs of their teachers and students. This course, part of a 3-credit course in Instructional Technology, presents strategies for initiating technology planning, and helps teachers see their role in the process.

### Competencies

Upon completion of this course, participants will be able to

- Identify specific technology needs in their classrooms
- Understand the challenges of assessing technology needs
- Develop a vision for school-wide technology integration in their school

### Materials

All materials are accessed via the [CaseNEX website](#) using the PIN provided and the user name/password you create.

All readings listed can be found by going to *Class Materials*→*Virtual Library*→*Readings (Search)*.

If you do not have the most recent versions of the following software, please download each from the given sites.

- [Windows Media Player](#)
- [RealPlayer](#)
- [Adobe Reader](#)

### Cases Used

- Hatboro-Horsham High School

### [Course requirements and grades](#)

## Course Schedule

Find session dates by selecting *Syllabus* on the top menu bar. For typical courses, final Discussions, Journals, and Workbooks are due by Saturday at midnight unless otherwise noted. Please see the News Flash for any alterations of the course schedule posted by your instructor.

## **Introductory Session**

### *Exploring the CaseNEX Site*

Complete these tasks prior to the beginning of Session 1.

### **Readings**

Read the course requirements, paying special attention to the Case-Analysis and Workbook Assignment Rubrics. They will be used by your instructor throughout the course to evaluate assignments where appropriate.

### **Discussion**

Post one entry introducing yourself to your classmates. Describe your interest in technology or why you are taking this course. (100 words or fewer)

### **Journal**

What are your future hopes for technology integration at your school? What steps do teachers and administrators need to take in order to reach this level? (100 words or fewer)

### **Note**

Use CaseMail to send a note to your instructor stating that you will be taking this course. To do so, click on CaseMail on the top menu bar and then 'Click here to create a new message.' Use the marked link to look up an address. Continue linking down until you see the class list. Select the instructor's name and then compose your message and hit 'Post Message.'

## Session 1

### *Assessing and Addressing Technology Needs*

#### Case

Hatboro-Horsham High School

#### Readings

- Integrated Technology Lesson Plans
- What's the Point of PowerPoint?

#### Discussion

Review the abstract and first three pages of Hatboro-Horsham's Classrooms for the Future grant application in this session's case. Describe ways in which this school "anticipated successes and challenges at the teacher and student levels." Then, imagine you have been chosen to write a grant application for your own school. What **knowledge** (in the form of evidence, data, or background information) would you provide to complete this task?

#### Journal

In this session's case and readings, teachers use software programs to encourage new ways for students to present knowledge. Using your own department's curriculum as a guide, identify specific units, lessons, and assignments where you might integrate similar tools. Write a proposal to your principal or department chair suggesting **actions** that should be taken and justifying the purchase of this new technology.

## Session 2

### *Preparing for a Technology Plan*

#### Case

Hatboro-Horsham High School

#### Readings

- Guiding Questions for Technology Planning
- Visioning for Technology
- The Trouble with Teamwork

#### Discussion

Assume a **perspective** present in this session's case (teacher, student, coach, administrator, e.g.). Then, discuss questions and concerns you have about the team-building process that accompanies Hatboro-Horsham's new technology initiative. Respond to your colleagues with suggestions of how team members might support one another to achieve the results they desire.

#### Journal

This session's readings indicate that technology plans should match the mission of a school or district. According to their district mission, Hatboro-Horsham strives to develop students who are self-directed, lifelong learners. What role do teachers play in this aspect of student development? Anticipate **issues** that might surface on this topic when teachers add new technologies to their classroom instruction. How would you address these issues in your own classroom?