

Introducing Technology into Instruction

Instructional Technology Module One

Course Description

Today's teachers face a variety of challenges when it comes to technology integration. Often, the pressure of using computers and digital media in the classroom is more intimidating than motivating. This professional development module is designed to motivate experienced teachers new to technology integration, and is part of a 3-credit course in Instructional Technology.

Competencies

Upon completion of this course, participants will be able to

- Recognize benefits to the use of instructional technology
- Define technology integration
- Apply course concepts to their classroom practice

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

- Freedom Area Senior 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 experience using technology in the classroom. (100 words or fewer)

Journal

What are your instructional goals for this module? How will you know if you have achieved your goals? (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

Teaching in the Digital Age

Case

Freedom Area Senior High School

Readings

- Digital Native, Digital Immigrants
- Listen to the Natives
- Connecting the Digital Dots: Literacy of the 21st Century
- Visions 2020.2: Student Views on Transforming Education and Training through Advanced Technologies
- The Human Touch
- The Flickering Mind: Saving Education from the False Promise of Technology (NPR: Talk of the Nation)

Discussion

Take a stance regarding teaching and learning in the digital age. Counter your peers' arguments throughout the discussion. Use **knowledge** from this session's readings, your own research, and the case (lessons, teacher and student interviews) to support your argument.

Journal

After reviewing the first two readings for this session, categorize yourself as a "digital native" or "digital immigrant." How is your status revealed in your words and behaviors? Then, examine the **consequences** of this label on your teaching. What might be the **perspective** of "digital natives" on your teaching? What additional **knowledge** do you need to communicate effectively with this new generation?

Note

Check your CaseMail (linked from top menu bar) and News Flash (on the right when you login) for notes from your instructor every time you log on to the site.

Session 2

Rationale for Technology Integration

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Freedom Area Senior High School

Readings

- Our Agenda for Technology Integration: It's Time to Choose
- Indicator: Range of Use, Introduction
- Digital Disconnect (Summary of Findings)

Discussion

Reflect on John Rosa's comments about technology integration **issues** at Freedom. Why might teachers at Freedom feel threatened by an increase in technology resources? Suggest ways John might use student **perspectives**, both from the case and the session's readings, to motivate reluctant teachers to begin using technology regularly in the classroom. Respond to your peers' suggestions throughout the discussion.

Journal

There are myriad definitions for technology integration listed throughout the assigned readings. Identify similarities and differences in those definitions. Then, write your own definition based on the **knowledge** you gained this session. Reflect on how this definition might impact your instruction, your physical classroom space, and your classroom management style.