



The Future of Technology

Christopher Simmons

This is a partial preview. For full access to these teaching materials, please register and download.

This course format is online utilizing a constructivist approach to developing students' forecasting skills in the area of technology, while meeting the ISTE Standard for Students (<http://www.iste.org/standards/iste-standards/standards-for-students>) which include the following:

1. Creativity and Innovation
2. Communication and Collaboration
3. Research and Information Fluency
4. Critical Thinking, Problem-Solving, and Decision-making

In this course students will have an opportunity to analyze current technological trends, to demonstrate critical thinking skills by examining news articles involving technology, to assess their ability to analyze a current trend or problem, and to forecast potential solutions or future impacts of technology through multimedia presentations.

This course is designed to run six to eight week online at the discretion of the instructor. Throughout the course, students and the instructor will utilize synchronous and asynchronous methods of communication to complete course activities. Students will be required to participate in several online discussion boards which will need to be created within the instructor's learning management system such as BlackBoard. Further into the course, students will be introduced to web 2.0 synchronous communication tools to complete group assignments and final project. Within the course outline several technologies are presented for use along with instructions on how to utilize each. Potential instructors should be aware that the ultimate purpose of this course is to create an initial repository of works which can be deployed in future versions of the course. Instructors should be aware that specific grading rubrics have been intentionally omitted from the course outline as the nature of the grading process is subject to the individual instructor.





Module 1: What Is Technology?

MODULE ASSESSMENT: Students will participate in an online discussion on the module’s essential question.

ESSENTIAL QUESTIONS:

- What is technology?

MODULE OBJECTIVES:

- Define technology.
- Explain how technology impacts people and their environment.
- Explain how technology is being used to solve ongoing, complex, or future problems and
- Identify emerging technological trends.

LEARNING PLAN OUTLINE/SCHEDULE

Week 1	LEARNING PLAN/ACTIVITIES	MATERIALS NEEDED
	1. Open this PDF before beginning the unit.	Module 1 Wordle_Technology.pdf
	2. Utilize one of the sites: WikiSummarizer , WikiMindMap , ZOMOBO , or Mashpedia to locate at least three (3) articles that discuss one or more of the following <u>elements</u> : (1) what is technology, (2) how is it impacting people and their environment, and/or (3) how is technology being used to solve ongoing, complex, or future problems.	