



LILIE, LLC Course Information

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Title of Course: Tech Effects on Student Behavior and Learning

Course Description:

Kids growing up in the digital age have a different outlook on life and learning. Technology is affecting the way they think and focus. This course will explore how technology influences a student's attention span, decision-making, reasoning, memory and ability to learn.

Teachers taking the course will discuss how to integrate technology into lessons that will enhance student achievement while examining countermeasures to ease the influence of the negatives of technology that impede on student academic achievement. Participants will create technologically rich lesson plans, and react to articles discussing the use of technology in education.

Overall Course Objective and Expectation(s):

Participants will understand the effect that technology has on their students. Participants will also create a lesson plan showcasing how to properly use technology in the classroom, and react to articles/studies on the subject of using technology in the classroom.

Course Instructional Materials:

All courses maintain a fully developed and dynamic webpage that houses all resources, reference material and various other required informational texts, videos and alike that is both active and relevant to course objectives and content. Course web pages are routinely updated to reflect most current research and available readings therefore instructional materials used to teach course objectives are subject to change.

Instructor Consultation and Interaction:

Real time consultation and instruction is provided through the LILIE, LLC discussion boards for each course/classroom on a daily basis.

Suggested Readings, Websites, Articles & Videos (subject to change):

*Healy, Jane M. Failure to connect: how computers affect our children's minds - and what we can do about it. London: Touchstone, 2000. Print.

*Kopp, Kathleen. Integrating technology into the curriculum. Huntington Beach, CA: Shell Education, 2015. Print.

*Warschauer, Mark. Learning in the cloud: how (and why) to transform schools with digital media. New York: Teachers College Press, 2011. Print.

Proof of Course Completion:

LILIE, LLC is committed to assuring that enrollees fully participate in and receive the educational benefits contemplated by the course. Enrollees must demonstrate participation by making detailed postings designed to foster dialogue among colleagues and instructors. These enrollee postings must be made four times each week in separate sessions. Enrollees will be required to submit a detailed log documenting at least 45 hours of course work, including discussion board posts, and will be required to apply information and strategies acquired from the course content to weekly classroom instruction. Attempts to falsify logs or discussion board entries will result in denial of credit and a report to the enrollee's employer.



Scope & Sequence/Weekly Topics and Objectives

Week I

Topic(s):

1. Introduction: Participants will introduce themselves with a brief bio to include their teaching areas on the message board. This will allow participants who teach in the same subjects to share resources found during the course. Instructor will introduce himself and outline all call expectations, responsibilities, rubrics, etc...
2. Technology Integration
3. Effects of Technology on Learning Process
4. Technological Literacy
5. Effects on Technology on Student Focus
6. Modify existing lesson plan to incorporate instructional technology.
7. Reading course message board, and providing feedback to fellow participant's posts.

Objectives:

- Class introduction and expectations.
- Explore Technology Integration in the classroom.
- Study and discuss technology's effect on the learning process.
- Define "technological literacy", and how it affects the classroom.
- Discuss how technology affects learning.
- Create a class blog.

Impact on Classroom Instruction:

The opportunity to discuss, evaluate and reflect, to shape the way one can best use the skills, strategies and information learned in the course are an integral part of the course. The daily postings between participants and the instructor through the discussion board, encouragement to share knowledge and ideas with the participants' own collegial circles at school, implementation of such with the own students and report findings to instructor and other participants ensures, through a variety of opportunities, that what is learned and then applied can have a direct, timely and meaningful impact on student learning within each of the participants experiences with students whether it be in the classroom, counseling, or other resources.

Learner Outcomes:

Participants will gain great insight to the use of technology in their lessons. This insight will include methods of incorporating technological literacy, the effects (both positive and negative) of using technology in the classroom, and how the technology can effect students focus.

Participants will use Blogger to enhance their classroom with the use of a class blog. This blog can be used to:

- Post resources, lessons, and homework assignments.
- Keep parents up-to-date on class happenings.
- Reflect on their own teaching practices and share their ideas with other educators.

Assessment of Understanding and Learning/ Weekly Assignments (*including but not limited to posting requirements set forth by LILIE, LLC*):

Participants will use Blogger to enhance their classroom with the use of a class blog. This blog can be used to:

- Post resources, lessons, and homework assignments
- Keep parents up-to-date on class happenings.
- Reflect on their own teaching practices and share their ideas with other educators.



Week II

Topic(s):

The effect technology is having on student attention spans.

Objectives:

How technology is effecting our student's attention spans while learning.

- ISTE Standard 1- Facilitate and inspire student learning and creativity.

Explain Midterm

Impact on Classroom Instruction:

The opportunity to discuss, evaluate and reflect, to shape the way one can best use the skills, strategies and information learned in the course are an integral part of the course. The daily postings between participants and the instructor through the discussion board, encouragement to share knowledge and ideas with the participants' own collegial circles at school, implementation of such with the own students and report findings to instructor and other participants ensures, through a variety of opportunities, that what is learned and then applied can have a direct, timely and meaningful impact on student learning within each of the participants experiences with students whether it be in the classroom, counseling, or other resources.

Learner Outcomes:

Participants will review several sources pertaining to the effect that technology is having on our student's attention spans.

Assessment of Understanding and Learning/ Weekly Assignments (*including but not limited to posting requirements set forth by LILIE, LLC*):

Participants will write 2 reaction papers this week. 1 paper will outline their findings on the decreasing attention spans of our students, and 1 paper will address ways in which technology can be used to increase our student's ability to retain lesson materials.



Week III

Topic(s):

1. Participants will read several articles about the health effects of using too much technology, and outline their findings/thoughts/opinions via reaction paper.
2. Participants will read several articles about the social effects of using too much technology, and outline their findings/thoughts/opinions via reaction paper.

3. Participants will read two articles about the role of technology with at risk students, and outline their findings/thoughts/opinions via reaction paper. Read the Attention Span report compiled by Microsoft Participants will read the Microsoft Attention Span study, and outline their findings/thoughts/opinions via reaction paper.
4. Dangers of too much technology presentation.
5. Reading course message board, and providing feedback to fellow participant's posts. **(1 hour)**

Objectives:

1. Explore the health effects of using too much technology in education.
 - ISTE Standard 5- Engage in professional growth and leadership.
2. Explore the social effects of using technology in education.
 - ISTE Standard 5- Engage in professional growth and leadership.
3. Using technology to support at risk students.
 - ISTE Standard 5- Engage in professional growth and leadership.
4. Read the Attention Span report compiled by Microsoft
 - ISTE Standard 5- Engage in professional growth and leadership.

Create a presentation for Open School Night that explains the adverse effects exposure to too much technology has on our students.

Impact on Classroom Instruction:

The opportunity to discuss, evaluate and reflect, to shape the way one can best use the skills, strategies and information learned in the course are an integral part of the course. The daily postings between participants and the instructor through the discussion board, encouragement to share knowledge and ideas with the participants' own collegial circles at school, implementation of such with the own students and report findings to instructor and other participants ensures, through a variety of opportunities, that what is learned and then applied can have a direct, timely and meaningful impact on student learning within each of the participants experiences with students whether it be in the classroom, counseling, or other resources.

Learner Outcomes:

By the end of this session, participants will have a greater understanding of the far reaching effects of too much educational technology on their students. With this new understanding, participants can avoid the pitfalls, and focus on a satisfactory amount of tech in their lessons.

Assessment of Understanding and Learning/ Weekly Assignments (*including but not limited to posting requirements set forth by LILIE, LLC*):

Participants will create a presentation to show at Open School / Meet the Teacher Night. This presentation can be in any format the participant is comfortable with (PowerPoint, Video, Letter, Google Slides, etc...). Presentation subject: How too much technology adversely effects our students.



Week IV

Topic(s):

1. PBS Media

2. Supporting Sites
3. Readings
4. Final Exam (Graduate Students and NYCDOE participants only)
5. Reading course message board, and providing feedback to fellow participant's posts.

Objectives:

1. Explore the vast free of charge resources at PBS Learning Media. Participants will explore the subject area specific content, and use that material to create new, technologically rich lesson plans for their classrooms.
2. Introduction to PBS supporting websites and their resources for incorporating technology into the classroom: NOVA, Frontline, Design Squad, and American Experience.
3. Various readings on teaching with technology.
4. Final exam introduction.

Impact on Classroom Instruction:

The opportunity to discuss, evaluate and reflect, to shape the way one can best use the skills, strategies and information learned in the course are an integral part of the course. The daily postings between participants and the instructor through the discussion board, encouragement to share knowledge and ideas with the participants' own collegial circles at school, implementation of such with the own students and report findings to instructor and other participants ensures, through a variety of opportunities, that what is learned and then applied can have a direct, timely and meaningful impact on student learning within each of the participants experiences with students whether it be in the classroom, counseling, or other resources.

Learner Outcomes:

At this point, all participants should have a good gauge of an acceptable level of technology in the classroom. By having participants share their lessons via message board, participants in the same field can come away with a large repository of teaching tools/materials/lessons.

Assessment of Understanding and Learning/ Weekly Assignments (*including but not limited to posting requirements set forth by LILIE, LLC*):

Participants will create a new lesson plan that integrates some of the instructional technology resources that we've covered in this session. Lesson plans will be shared with the class, thus creating a large library of lessons for teachers in similar teaching areas to share.