



LILIE, LLC Course Information

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**More detailed course curriculum can be provided upon request*

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

The course is an asynchronous online course that is available for instructor and student participation 24/7. The four week duration of the class is broken down into four weekly sections each comprised of lecture in the form of instructor created articles and content, web links to academic and professionally reviewed articles in the discipline of general education, and instructor created discussion questions which are, in and of themselves, formative assessments to determine the extent to which the enrollees have comprehended and mastered the information and begun to apply it to their personal teaching practices. The answers to these questions are the basis for the class interaction, as enrollees are required to respond to each other within the classroom arena.

By providing a wide variety of professional articles, peer reviewed journal pieces and researched instructor created content that addresses the needs of all K-12 educators and by encouraging

interactive dialogue among the enrollees, this course will encourage and require application, discussion and peer feedback of said strategies and understanding in teaching students within a teacher's own individual classroom practices. The discussion and feedback will give us our own meta-assessment of useful, research based and practiced strategies and techniques for addressing the needs of our varied students thus giving them more opportunity to truly excel.

Proof of Course Completion:

LILIE, LLC is committed to assuring that enrollees fully participate in and receive the educational benefits provided by the course. Enrollees must demonstrate participation by making detailed postings designed to foster dialogue among colleagues and instructor that reflect the content, skills/ strategies learned and assessments covered in course. These enrollee postings must be made six times each week, in separate sessions, and including a minimum of 4 academic posts and at least 2 peer-peer comments of others' postings and possible shared assignments. Enrollees are required to submit a detailed reflection in combination with the archived work. Attempts to falsify record or discussion board entries will result in denial of credit and a report to the enrollee's employer.



Week 1

Topic(s):

- 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...
- Technology Integration
- Effects of Technology on Learning Process
- Technological Literacy
- Effects on Technology on Student Focus
- Modify existing lesson plan to incorporate instructional technology.
- 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.



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.

Impact on Classroom Instruction:

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Learner Outcomes:

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



Week III

Topic(s):

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

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.



Week IV

Topic(s):

- PBS Media
- Supporting Sites
- Readings
- Final Assessment
- Reading course message board, and providing feedback to fellow participants' posts.

Objectives:

- 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.
- Introduction to PBS supporting websites and their resources for incorporating technology into the classroom: NOVA, Frontline, Design Squad, and American Experience.
- Various readings on teaching with technology.
- Final assessment 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.