IPT 286: Instructional Technology in Teaching
Course website:
Instructor website: http://byuipt.net/teachingwithtechnology

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Office Hours: Virtually & face-to-face on Tuesdays, 2-4 p.m. or by appointment.

Note

The online version of the syllabus is more frequently updated. In the case of any discrepancy (i.e. changed deadlines or point totals), refer to the online version over this paper version.

Course Description & Objectives

Instructional (sometimes called educational) technology is becoming an increasingly important part of K-12 education. New and emerging technologies are what your students will be using to learn and complete homework, and it will be what they will use to succeed as professionals in the workforce. It can also be how you enhance learning, improve motivation and engagement, increase accessibility, individualize instruction, and improve communication with parents and stakeholders. In this course, we will learn ideas and skills for integrating technology effectively into your teaching. Specifically, I hope that by the end of the semester, you will be able to:

— Understand how technologies can enhance their teaching, professional work and communication, and personal professional development.

— Design technology-enhanced lesson plans, activities, and resources.

— Identify resources to assist them in learning how to integrate technologies in the future.

— Be motivated and confident in their abilities to learn how to use new technologies in their teaching.

— Understand how to more effectively teach the gospel utilizing emerging technologies.

ISTE Technology Standards

My goals for this course and inspiration for the activities are based in part on the National Educational Technology Standards for Teachers from the International Society for Technology in Education (ISTE). These are the technology standards most often cited for teachers. A short description of the standards can be downloaded at : http://www.iste.org/AM/Template.cfm?Section=NETS There are also technology standards for your students.

Course Policies

Course policies and assignments are subject to change as we move through the course because, like technologies, technology-enhanced instruction is constantly evolving! I will always give adequate notice of any changes to the policies or calendar.

Required Equipment

There is no textbook required for this course. Instead, you are required to have a **flash key drive** for backing up your work and a **web camera** if you are in the online course. A good webcam that I recommend is this one, available online or through the Bookstore: http://www.amazon.com/Macally-ICECAM2-Camera-Built-Microphone/dp/B001AD0QPA. Other equipment (i.e. cameras) are available in the TEC lab in the McKay building.

Late & Makeup Work

Due dates for assignments are listed on the calendar. A minimum 10% late penalty will be assessed for work submitted after the assignment deadline unless I have previously approved a later deadline due to extenuating circumstances. Work that is submitted over a week late will receive an additional 10% penalty for each week late. No late work is accepted after the final exam date.

Assignments **submitted on time** can be resubmitted until you achieve the grade you desire. I do this because this is the way we learn new technologies: We keep trying and retrying!

Blackboard

We will be using Blackboard only to manage the gradebook. Please check your grades frequently and inform me of any missing or incomplete scores.

Backing up Work

It is your responsibility to back up all of the work you do in class, saving it in at least TWO locations until you receive your final course grade. To do this you can use: 1) your required USB key drive, 2) home computer, 3) email attachments, 4) free online space (such as http://www.box.net or dropbox.com), or 5) external hard drive. If you need motivation for backing up your work, ask me about some of the crises I had as a student ;-).

Course Grading & Honesty Policy

Final grades will be calculated with the following percentages. You must complete ALL assignments to get a passing grade. You must honestly complete all the work yourself, but you may share ideas with each other.

A	A-	B+	B	B-	C+	C	C-	F
94-100	90-93	87-89	83-86	80-82	77-79	73-76	70-72	0-69

Preventing Sexual Harrassment

Title IX of the Education Amendments of 1972 prohibits sex discrimination against any participant in an educational program or activity that receives federal funds. The act is intended to eliminate sex discrimination in education and pertains to admissions, academic and athletic programs, and university-sponsored activities. Title IX also prohibits sexual harassment of students by university employees, other students, and visitors to campus. If you encounter sexual harassment or gender-based discrimination, please talk to your professor; contact the Equal Employment Office at 801-422-5895 or 1-888-238-1062 (24-hours), or http://www.ethicspoint.com; or contact the Honor Code Office at 801-422-2847.

Assignments

More detailed descriptions/rubrics for evaluating each assignment are available on the instructor's website. The website also contains a weekly calendar showing what assignments are due each week.F

Pre/post assessments & course evaluations — You will receive some points for completing pre and post assessment surveys and the final course evaluation. This helps me improve myself as a teacher and the course for future students.

Personal Learning Environment — You will create a blog as a personal learning environment where you will reflect on your learning, turn in your assignments, share ideas with each other, take notes, and store "stuff" related to technology integration that you may want or need in the future.

Gospel Insights — Each of us will take a turn studying the gospel's perspective on teaching, learning, and technology and then sharing a brief 5-minute presentation or devotional at the start of class.

Weekly Participation — Each week that you fully participate in the class you have the opportunity to earn two participation points: 1 point for sharing a technology resource or idea with your peers either on your blog or through the Diigo group (this is called "resource sharing"), and 1 point for participating fully in class activities (this is called "class participation"). The resource sharing through blogs/Diigo won't begin until the second week, when you will have learned about these technologies. At that point, each week you should share:
- A technology or website you think would be useful for your subject area, and how you might use it
- An idea for how you might use a technology that we demonstrate in class
- A reflection about what we have learned in class, or what I have posted on my own blog, and how it might apply to your own teaching

Participation in class or on the voicethreads begins the first week. To earn this point each week, you need to:

Face-to-face class

- Attend class during the week, if you are in the face-to-face section (if you miss class, you must let me know ahead of time and then view/participate in the voice threads discussion that week with the online students. However, this option is only for absences with a good excuse. In general, you are expected to attend class each week).
- Participate in the class discussion and activities. "Let one speak at a time and let all listen unto his sayings, that when all have spoken that all may be edified of all" (see D&C 88:122). In other words, we can't all share our thoughts during class, but we should share our thoughts when appropriate, and listen to the discussion and think about how the discussion applies to our own teaching. This level of participation includes only using laptops and mobile devices to help you participate in the discussion (by looking up resources, ideas, etc.) and NOT by distracting you (checking email, texting, etc.).
- Read what your peers in your online learning group are saying on their blogs and post feedback when appropriate.

Online class

- Complete all of the activities for the week.
- View and participate in the Voice Threads conversation each week (weekly voice threads will be posted on the main page of this blog).
- Read what your peers in your online learning group are saying on their blogs and post feedback when appropriate.

Personal Learning Networks — Create your own personal learning network connecting you to continually updating shared resources on integrating technology in your subject area. As part of your PLN, subscribe to our Diigo group (Teaching With Technology) http://groups.diigo.com/groups/teaching-with-technology.

Internet Communication Project — Select from the following options:
1) * (recommended) Create a class website complete with an embedded map, calendar, resources, and a video/photo introduction.
2) Demonstrate you know how to use asynchronous and synchronous video conferencing technologies.
3) Create an online learning community using Ning, Wordpress MU, or some other tool.

Multimedia Project — Select from the following options:
1) * (recommended) Create a 3-5 minute movie to teach or demonstrate an instructional topic.
2) Create your own podcast or vidcast.
3) Use Jing or a similar tool to create a screencast demonstrating or teaching an instructional topic. One option is to teach an effective instructional technology to add to your wiki page.

Final Technology Project — You have a lot more freedom with this project. Select a technology you would like to learn that you think would help you as a teacher, approve the idea with me, and create a lesson activity and resource that utilizes the technology. Ideas available on my website.

Wiki Contribution — Contribute your final project lesson plan, artifact, and useful blog resources to the class wiki to benefit yourself, your peers, and students from past and future semesters and other sections of this course.