

# DED 318 EDUCATIONAL TECHNOLOGY FOR TEACHING & LEARNING (T4TL)

College of Education -Kansas State University

1 hour of Undergraduate Credit.....**SPRING 2010**

<u>Section</u>	<u>Time</u>	<u>Day</u>	<u>Room</u>
Section F	10:30-12:20	Monday	BH 343
Section G	10:30-12:20	Wednesday	BH 343
Section B	7:30-9:20	Thursday	BH 256
Section C	12:30-2:20	Thursday	BH 343
Section D	3:30-5:20	Thursday	BH 343

Instructor: **Cyndi Danner-Kuhn**

Office: **Bluemont Hall 352**

Email: [cyndidk@ksu.edu](mailto:cyndidk@ksu.edu) (email or chat is preferred method of communication)

My Calendar may be accessed from: <http://www.cyndidannerkuhn.info/CDK/Calendar.html>

Instant Messenger: **cyndidannerkuhn** (iChat, AIM, Skype)

Twitter: <http://twitter.com/cyndidannerkuhn>

Website: <http://www.cyndidannerkuhn.info>

College of Education: <http://coe.k-state.edu>

Kansas State Department of Education: <http://www.ksde.org>

National Education Technology Standards: <http://cnets.iste.org>

## **COURSE OVERVIEW**

Technology for Teaching & Learning (T4TL) is a two-hour per week face-to-face class at Kansas State University and is **required** for all pre-service teacher education majors in the College of Education. Prior to Fall 2008, this course had primarily focused on client-side productivity applications ([MS Office](#)). This course has been redesigned, focusing on a variety of cloud-based, interactive learning technologies and other free educational technology tools. While most higher education courses are traditionally designed with the majority of course content and student-created work HIDDEN behind a walled garden / password-protected [learning management system](#), this redesigned T4TL course has been created with an ethic of open sharing. To the greatest degree possible (with the exception of student grades and other confidential information) T4TL curriculum and student work is available on the open/public web.

## **PLEASE NOTE THESE MATERIALS ARE SUBJECT TO CHANGE**

## **COURSE GOALS**

The following goals summarize key course objectives:

1. Empower students to thoughtfully and responsibly publish a variety of multimedia content online.
2. Introduce students to a variety of digital platforms for content creation, communication, and collaboration.
3. Introduce students to a variety of practical examples of digitally interactive lessons and student products.
4. Prepare students to effectively design and facilitate learning in a 1-to-1 classroom learning environment.
5. Inspire and empower students to build a personal learning network and engage in self-directed / self-initiated online learning.
6. Inspire students to craft a positive, professional, online digital footprint.
7. Have fun and feel comfortable using technology in teaching/learning situations.

## **MONEY MATTERS ----Save \$50-100 for class materials.**

No book is required for purchase in this class, **but you will need to purchase web server space** (*details will be discussed in class the first week*). Web server space is kind of like purchasing a parking place for your website in the Internet parking lot.

We will be using **iWeb on the Mac** to create your professional portfolio website. iWeb is excellent, easy and **free** program on your Mac (*or one you borrow from the Catalyst or Library and use in class from the mobile carts*). This will be an ongoing project beginning Week 1 and will grow through the semester, as well as, through **all** your education classes at KSU.

**Therefore, you will need \$50- \$100** from your book money to purchase the server space the first week of class. I will provide all information in class Week 1. **This will NOT be done through the bookstore.** The price difference will depend on which service you

choose to use. **This is a requirement and you cannot pass the class without it.** You will have a professional portfolio website on the Internet by the end of the semester and then you will continue to add to your website as you progress through the rest of your education classes. You can take a look at ones from past semesters from a link on my website <http://www.cyndidannerkuhn.info>. Click on the **StudentWebsites** at the top. As with everything, some are better than others.

**You will also need a Flash Drive** for moving files from computer to computer another-- **if you do not have your own Mac Laptop**. More than likely you already own a flash drive, but, I suggest you have a dedicated one for this class.

**If you own your own Mac Laptop**, make sure you are using the current version of the **iLife Software** (*iPhoto, iTunes, iMovie, iCal, iWeb, Garageband, etc*). We will be using **iLife 09**. It is important that you upgrade to **iLife 09** if you do not have it on your Mac laptop computer. It can be purchased at the Union Computer Store for approximately \$79. You will receive your student discount at the Union Computer Store. If you do not know which version of iLife software is on your laptop, drop by my office (BH 352) or the Catalyst (BH16) and we can help you figure it out.

**If you are considering purchasing a Mac Laptop** as the College of Education recommends, do so at the Union Computer store so that you receive your student discount.

### **CONTACTING THE INSTRUCTOR**

Before contacting the instructor with a question relating to the course or course content, students **MUST** first visit and search the **COURSE WEBSITE** or the FAQ page of the Course Blog/Wiki. During the course of the semester, common questions about the course, assignments, how-to's, and problem solving will be posted to this Wiki/blog for reference. Please check there first. The Link to the FAQ is on the Course Home page of the course website. <http://spring09ded318.cdkedplace.info>

Students are encouraged to contact the instructor synchronously (LIVE) during weekly virtual office hours or drop by the office (BH352), listed on the instructor's calendar on her website <http://cyndidannerkuhn.info> . Contact can be made during these times by either:

1. iChat/AIM (userid: cyndidannerkuhn)
2. [Skype](#) (userid: cyndidannerkuhn)
3. Or drop by my office-BH 352

In case of emergency, students can contract the instructor via email: [cyndidk@ksu.edu](mailto:cyndidk@ksu.edu)

### **Attendance**

**Attendance is REQUIRED for each class session, and it is your responsibility to sign the attendance sheet circulated during class.** Since this class only meets once a week or 15 class periods total, it will be fast & furious and you must be in class every week. Class will begin on time and you should be in your seat and ready by the start of class. **Attendance will be a major portion of your grade.**

### **Weekly Expectations Prior to Class**

At least two hours of study and work prior to each face-to-face class session are expected. These activities should be completed prior to each week's class:

1. Complete the weekly podcast reflection and add to the blog page of your website.
2. Complete the weeks assignments and post to your website in the designated place.
3. TBA

### **Evaluation & What it take's to succeed and achieve an A**

Grades will be determined by participation in class including attendance, discussions, forums, reflections, completion of all assignments in professional quality and timely manner, and successful performance on projects. There will be 3 checkpoint deadlines.

Learning is an active process. It takes work and motivation. The general rule is that for every hour that you spend in class, you should spend at least two hours preparing for that class. You are expected to: participate in class activities, read the articles posted and listen to the podcasts, reflect, complete all assignments in a timely fashion, and **attend every class period**, etc. If you need assistance please contact me immediately.

**Think about it—would you want someone teaching your child that was not exemplary?**

Grading Scale: this class will be based on total points, not a percentage.

### **Potential Online Meetings**

There is the strong possibility class will meet ONLINE instead of FACE-TO-FACE during one week. Student attendance and participation in the online meetings is expected, just as consistent face-to-face attendance in class is expected.

### **Checkpoints**

Three times during the semester, a website checkpoint grade will be earned by students. Every assignment completed for this course will NOT be evaluated and graded by the instructor. Checkpoint assignments will "spot check" successful student completion of assigned grades, and provide regular benchmarks for successful student participation in the course.

### **PREREQUISITES**

Admission to Teacher Education Program

**Prior Background:** The College of Education adopts the following assumptions:

Students admitted to the Teacher Education Program have:

- Graduated from a Kansas high school that fulfills the computing requirements of the KBOR indicated on the student transcript; OR
- Successfully passed a Basic Technology Skills Test taken during high school, at a community college, or at K-State as indicated on the student transcript; OR
- Provided sufficient evidence of completing technology coursework on a high school, community college, or other transcript (course description of the course will be used to determine qualification); OR
- Completed CIS101 (Intro to Info. Tech), CIS102 (PC/Spreadsheet), and CIS103 (PC/Database) at K-State, if they have not met the requirements in another way.

### **COLLEGE OF EDUCATION MISSION**

Our vision is fulfilled through:

- delivery of exemplary instruction to students at the undergraduate and graduate levels;
- production, interpretation, and dissemination of sound and useful research and scholarship;
- leadership, collaboration, and service within the profession; and
- promotion, understanding, and celebration of diversity.

### **COLLEGE OF EDUCATION VISION**

Preparing educators to be knowledgeable, ethical, caring decision makers.

### **CONCEPTUAL FRAMEWORK**

Our Conceptual Framework (CF) serves as a guide for fulfilling the College of Education's vision of preparing educators to be knowledgeable, ethical, caring decision makers, and supports the university and college missions focusing on teaching, research, service, and diversity. The CF acknowledges the contributions of general education, content area studies, and professional studies to the preparation of educators; and organizes professional studies into four broad categories:

1. Perspectives and Preparation
2. Learning Environment
3. Instruction
4. Professionalism

### **COURSE OBJECTIVES:**

All course objectives relate to professional standards. Primarily, Kansas State Department of Education (KSDE) Standard #12 for Professional Education serves as a guide in the selection of course objectives. Standard #2 of the college conceptual framework addresses the issues in the KSDE Professional Education Standard #12. In addition, technology standards for teachers prepared by the International Society for Technology in Education (ISTE) served as a guide in the selection of course objectives.

### **Class Conduct Expectations**

All student activities in the University, including this course, are governed by the Student Judicial Conduct Code as outlined in the Student Government Association by Laws, Article VI, Section 3, Number 2. Students are expected to act professionally in class. Students who disturb class may be asked to leave class session. **CELL PHONES SHOULD BE PUT ON SILENT UNLESS WE ARE USING IN CLASS.**

## **AT THE CONCLUSION OF THIS COURSE, STUDENTS WILL BE ABLE TO:**

### **Perspectives and Preparation:**

- Demonstrate knowledge, skills, and understanding of concepts related to technology by identifying, selecting and using technology resources to meet specific teaching learning objectives, facilitate higher-order problem solving and creativity and solve routine problems. (I, III)
- Identify and locate research-based technology resources and tools to be used by students,; evaluating them for accuracy, relevance, appropriateness, comprehensiveness, and bias; and apply such resources in planning learning environments and experiences. (II, IV, V, VI)
- Apply technology tools and resources to increase productivity, including the use of technology for instructional, administrative, and assessment tasks. (V)

### **Instruction:**

- Research and utilize electronic resources that open opportunities for students of different cultural and language backgrounds and abilities. Use examples of diversity in instruction and instructional resources. Provide technology modifications that will enable all students' equitable access. (VI)

### **Professionalism:**

- Demonstrate strategies to inform students of legal and ethical use of software and digital media and copyrights use, site licenses, and shareware and commercial products. Identifies and models appropriate legal and ethical use of digital media. (VI)
- Roman Numerals above reference the ISTE Technology Standards for Teachers. These standards can be found at [http://cnets.iste.org/teachers/t\\_stands.html](http://cnets.iste.org/teachers/t_stands.html)

## **Statement of Academic Honesty**

Kansas State University has an Undergraduate Honor System based on personal integrity which is presumed to be sufficient assurance in academic matters one's work is performed honestly and without unauthorized assistance. Undergraduate students, by registration, acknowledge the jurisdiction of the Undergraduate Honor System. The policies and procedures of the Undergraduate Honor System apply to all full and part-time students enrolled in undergraduate courses on-campus, off campus, and via distance learning. The honor system policy: <http://www.ksu.edu/honor>

A component vital to the Honor System is the inclusion of the Honor Pledge that applies to all assignments, examinations, or other course work undertaken by undergraduate students. The Honor Pledge is implied, whether or not it is stated: "On my honor, as a student, I have neither given nor received unauthorized aid on academic work." A grade of *XF* can result from breach of academic honesty. The *F* indicates failure in the course; the *X* indicates the reason is an Honor Pledge violation.

## **Academic Accommodations**

Any student with a disability who needs an accommodation or other assistance in this course should make an appointment to speak with me as soon as possible.

## **Sampling of POSSIBLE Course Content**

*Note: This is not an exclusive list! I always discover new things to share as the semester moves along. This is just an overview (not in any particular order) of topics we most will likely explore at some level. Needless to say, some more in-depth than others..*

- iLife 09 –iPhoto, iTunes, iWeb, iMovie, GarageBand, iCal, Chat, etc.
- Weekly video /podcast / article reflections
- Online Newsletter tools
- VoiceThread, Animoto, PhotoPeach, Supeflix, etc.
- Classroom/professional portfolio website using iWeb09
- Chat-IM, Skype, Video Conferencing, Flash Meeting, Elluminate, Meebo, Eyejot ...
- Microblogging: Twitter, Plurk
- Cool Tools- ToonDoo, Scratch, Educational Online Games, Wordle ...
- YouTube/TeacherTV, YouTube, Live Streaming TV, UStreamTV
- Virtual Field Trips
- Google: docs, spreadsheets, reader, presentation, calendar, notebook, earth, etc.
- Free Software- Open Source, Shareware, Freeware
- Social Bookmarking: Delicious, Diigo, Porportal

