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| **EDMD 7210/7216****Integration of Technology Into the Curriculum****Auburn University- College of Education****Educational Foundations, Leadership and Technology Department****Syllabus 2017** |

**1. Course Number:** EDMD 7210/7216

 **Course Title:** Integration of Technology Into the Curriculum

 **Credit Hours:** 3 semester hours (LEC3)

 **Prerequisite:** None

**2. Term:** Spring 2017

 **Day/Time**: Meet online

 **Instructo**r: Dr. Jung Won Hur

 **Office Address**: 4076 Haley
 **Contact Information**: Work: 334-844-3019/ Email: jwhur@auburn.edu

 **Office hours:** Tuesdays & Thursdays 1:00 to 4:00 pm/
 Please email me whenever you need help.

**3. Text or Major Resources:**
 1) Articles will be available online.

 2) American Psychological Association (2009). *Publication Manual of
 the American Psychological Association (6th ed.)*. Washington, D.C.:
 American Psychological Association -- **Optional**

 3) **A microphone is required**.

**4. Course Description:**

Learner competence in integration of technology into curriculum, including designing and integrating technology into instruction

**5. Student Learning Outcomes:**

Upon the completion of this course, students will be able to

1. facilitate and promote student learning and creativity using a variety of technology (**290-3-3-.42(4)(b)1.)**
2. select appropriate tools relevant to individual learners and integrate it into a classroom instruction (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2.)**
3. demonstrate confidence in using Web 2.0, mobile apps and cloud based technologies (**290-3-3-.42(4)(b)3.)**
4. model and promote safe, legal and ethical use of digital media (**290-3-3-.42(4)(b)4.)**
5. engage in professional growth by participating in online communities and developing self-directed learning skills (**290-3-3-.42(4)(b)5.)**

**6. Course Content Outline:**

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| **Date** | **Topic/Reading** | **Technology** | **Assignments Due** |
| Week 1-2(January 11) | Introduction: Review the Syllabus/ Learning is Changing | - Voicethread/ - Sway/ Jing Video Analysis |  |
| Week 3 (January 23) | Technology in the Digital Age | - Seesaw/ Formative | - Self-introduction  (15 pt)- Study Plan (10 pt) |
| Week 4(January 30) | Technology Integration: Theoretical Framework | - Infographics |  |
| Week 5 (February 6) | Flipped Classroom | - EdPuzzle/ - Blendspace |  |
| Week 6(February 13) | Technology Integration: What’s for? | - Symbaloo |  |
| Week 7(February 20) | Ethical Use of Technology | Online Meeting(Google Hangout) | - Symbaloo/ Livebinder (15 pt) |
| Week 8(February 27) | Pervasive Technology Use | - Evernote |  |
| Week 9(March 6) | Personalized Learning/ Academic Writing | - Zotero | - Evernote/ Self-Study report (10 pt) |
| Week 10(March 13) | Spring Break |
| Week 11(March 20) | Technology for SpecialNeeds Students | - Google Chrome Apps | - Zotero Annotated Bibliography (10 pt) |
| Week 12 (March 27) | Coding Education | - Code.org |  |
| Week 13(April 3) | Copyright | - Padlet | - Term paper (40 pt) |
| Week 14(April 10) | Makerspaces/Design Thinkinking | - Weebly/Wix | - Educational material presentation (10 pt) |
| Week 15(April 17) | Augmented Reality/Virtual Reality | - Quiver 3D |  |
| Week 16(April 24) | Final project/Final Reflection |  | - Final Project/ Reflection (30 pt) |

 **Weekly Readings**

**Week 1-2: Learning is Changing (290-3-3-.42(4)(b)5)**

Bonk, C. J. (2016). What is the state of e-learning?: Reflections on 30 ways learning is

 changing**.** *Journal of Open, Flexible and Distance Learning*. *20*(2), 6–20.

**Week 3: Technology in the Digital Age** (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2.)**

Prensky, M. (2001). Digital natives, digital immigrants. *From On the Horizon, 9*(5), 1-6.

**Week 4: Technology Integration: Theoretical Framework** (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2.)**

Mishra, P. & Koehler, M. J. (2006). Technological pedagogical content knowledge: A

 framework for teacher knowledge. *Teachers College Recode, 108*(6), 1017–1054.

**Week 5: Flipped Classroom** (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)3.)**

Bergmann, J., & Sams, A. (2012). Flip your classroom: Reach every student in every

 class every day. Washington, DC: ISTE.

http://www.youtube.com/watch?v=nTFEUsudhfs

**Week 6: Technology Integration: What’s for?** (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2.)**

Warschauer, M. (2011). *Learning in the cloud: How (and why) to transform*

 *schools with digital media.* New York: Teachers College. Chapter 2.

**Week 7: Ethical Use of Technology** (**290-3-3-.42(4)(b)4., 290-3-3-.42(4)(b)5)**

Ring, M. (2015, August 6). Teen depression and how social media can help or hurt. *CNN*.

 Retrieved from
 <http://www.cnn.com/2015/08/05/health/teen-depression-social-media/>

Snakenborg, J., Van Acker, R., & Gable, R. A. (2011). Cyberbullying: Prevention and
 intervention to protect our children and youth. Preventing School Failure, 55(2),
 88-95.

**Week 8: Pervasive Technology Use (290-3-3-.42(4)(b)3., 290-3-3-.42(4)(b)4.)**

Friedman, T. (2007). *The world is flat: A brief history of the twenty-first century*. New York: Picado.

Turkle, S. (2015). *Reclaiming conversation: The power of talk in a digital age.* New
 York: Penguin Press.

**Week 9: Personalized Learning/ Academic Writing** (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2., 290-3-3-.42(4)(b)5.)**

American Psychological Association (2009). *Publication Manual of the American
 Psychological Association (6th ed.)*. Washington, D.C.: American

 Psychological Association

Camera, L. (2015, November 10). The digital revolution is coming to the classroom. *U.S.
 News & World Report*. Retrieved from

<http://www.usnews.com/news/blogs/data-mine/2015/11/10/better-technology-needed-for-personalized-learning>

**Week 11: Technology for Special Needs Students (290-3-3-.42(4)(b)2.)**

* <http://www.controlaltachieve.com/2016/10/special-needs-extensions.html>
* <http://www.readingrockets.org/blogs/aiming-access/almost-best-collection-apps-extensions-special-education-specialist>
* <http://educationaltechnologyguy.blogspot.com/2015/07/google-apps-and-chromebooks-for-special.html>

**Week 12: Coding Education (290-3-3-.42(4)(b)1.)**

<https://code.org/>

**Week 13: Copyright (290-3-3-.42(4)(b)4.)**

Cennamo, K. S., Ross, J., & Ertmer, P.A. (2010). *Technology integration for meaningful*

 *classroom use: A standards-based approach*. Chapter 10.

**Week 14: Makerspaces/ Design Thinking** (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2.)**

Sheridan, K., Halverson, E.R., Litts, B., Brahms, L., Jacobs-Priebe, L., & Owens, T. (*2014*). Learning in the making: A comparative case study of three makerspaces. *Harvard Educational Review, 84(4),* 505-531.

**Week 15: Augmented Reality/ Virtual Reality (290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2, 290-3-3-.42(4)(b)3)**

* http://www.digitaltrends.com/mobile/best-augmented-reality-apps/

**7. Course Requirements**

* Be on-time and self-monitored ALL THE TIME
* Participate in online discussions regularly (Note that Canvas allows instructors to review each student’s level of participation such as the number of hours to access Canvas and the number of postings in discussion. The instructor will refer to these data when evaluating participation).
* Complete all readings
* Complete all assignments on time

**1) Term Paper (\* Details will be provided)**

*A) Option 1: Position Paper*

You are expected to write a position paper in which you either support or oppose use of

technology in school. The paper should be written in APA style following the 6th edition

handbook and include a variety of current professional and/or scholarly references. You need to include at least six references. The paper should be **five to eight content pages** (title, abstract, and references do not count toward this total) and should include:

A. Identify and summarize the main points of the issue being addressed.

B. Concisely state the position being taken on the issue and provide an

alternative action to the one presented in the scenario.

C. Provide a literature-based rationale and support for the position being

taken.

*B) Option 2: Reading Response:*

You will be asked to answer one of three questions related to class reading. You are

expected to synthesize all the readings and clearly present your opinions with supporting

data. The paper should be written in APA and be **five to eight content pages** (title,

abstract, and references do not count toward this total). You need to include at least six references.

\*\* Regardless of which option you choose from, please utilize excellent grammar and adhere to APA style for citations and bibliographical references. You are welcome to integrate classroom readings but must include **at least two additional references** relevant to your topic.

**2) Weekly Discussion:**

Each week, you will be asked to answer discussion questions related to weekly readings. All students are expected to fully participate in the discussions every week.

**3) Education Material Presentation:**

You are expected to introduce one educational material to your classmates. You will record your presentation using Jing. Possible materials may include:

- Educational websites

- Instructional strategies

- Educational videos

- Educational blogs or podcasts

- Your own teaching materials

- Audio books, apps, etc

- Animations, simulations, technical reports, white papers, etc

Presenters must explain specific ways to integrate the materials into classroom learning.

**4) Technical Skill Development:**

You will be asked to develop educational materials using technology that we explore in

class. Possible technology include:

- Symbaloo/ Piktochart/ Evernote

**5) Final Project (\* Details will be provided)**

*A) Option 1: Website Development using Weebly.com or Wix.com*

You will create a teacher website that can be used for teaching or job hunting. The website should include appropriate photos, videos, and files.

*B) Option 2: Blog Development*

You will be asked to create a blog and make at least 13 postings throughout the semester. The blog topic can be anything related to education. You can also reflect on class readings via this blog. Your blog must include images and relevant videos. The postings should be reflective, thoughtful, informative, timely and current.

*C) Option 3: Reflection Video*

You will create an appropriately 5-10 minute video reflecting on what you have learned in this class. The video must include the key points that you have learned in this course and your future application plans. The video should be creative, reflective and informative.

*D) Option 4: Common Craft Style Video*

You will create an appropriately 5-10 minute common craft style video ([http://www.commoncraft.com/videolist](http://www.commoncraft.com/videolist%22%20%5Ct%20%22_blank)) that you teach an important concept in an engaging way. Your narration should be clear and easy to understand. Appropriate drawings need to be included.

*E) Option 5: Instructional Unit:*

You will design and implement an interdisciplinary unit that demonstrates an effective

and appropriate use of technology by both you and students. You must apply emerging

technology into your class and reflect on your development and implementation

processes. Lesson plans, related materials and reflection paper should be turned in at the

end.

*F) Option 6: Technical Skill Development*

You will use two additional technologies (e.g., prezi, podcast, Glogster; or choice of

your selected technology) that you have not used before and create instructional materials.

*G) Option 7: Choice of Student*

If you want to do a different project where the workload is equivalent to other projects

and supports your educational interest, please consult with the instructor in advance.

**6) Final Reflection:**

At the end of the course, you will be asked to reflect on your learning process in this class. Specific reflection questions will be provided.

**8. Assessment:**

The final grade for the course will be based on a ratio of the points earned by the students to the points offered during the semester.

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| Assignments | Points |  | The following grading scale will be used: |
| Study Plan | 10 pts |  | 90-100% (180 pts) | A |
| Self-Introduction | 15 pts |  | 80-89.9% (160 pts) | B |
| Symbaloo/Livebinder |  15 pts |  | 70-79.9% (140 pts) | C |
| Evernote Practice | 10 pts |  | 60-69.9% (120 pts) | D |
| Zotero Annotated Bibliography | 10 pts |  | Below 60% (<120 pts) | F |
| Term Paper | 40 pts |  |  |  |
| Educational Material Presentation | 10 pts |  |  |  |
| Final Project & Reflection | 30 pts  |  |  |  |
| Online Discussion | 60 pts |  |  |  |
| *Total:* | *200 pts* |  |  |  |

* 24 hour lateness policy: No assignment is late as long as you turn it in within 24 hours of the due date (maximum 2 assignments)
* After the 24 hour due, any assignment presented or turned in late will be penalized 10% for each class period that it is late. Late assignments presented or turned in late after three days will not be accepted and will receive a grade of 0.
* All the assignment must be turned in before midnight on the due day.

**9. Class Policy Statement:**

**Technology:** This course is heavily supported through the use of Canvas, a Web-based tool for material delivery and communication. Each student automatically has access to the course site through the registration process. It is the student’s responsibility to access the site on a regular basis and to access handouts or other information for the class. More importantly, the instructor will send a weekly announcement, so students should check their **Tiger email/ Canvas messages** regularly and complete **ALL** activities on time. Students are encouraged to make use of the chat room feature for conferencing needed in order to collaborate on project work. Students are expected to try to solve their own technological problems through trouble shooting and contacting Auburn University Help Desk personnel prior to contacting the instructor. When communicating with help desk personnel, please record the name of the person helping you, the time that you called, and the difficulty you were reporting. If the instructor needs to follow up on any issues, this information will be helpful in tracking down the correct solution

Helpful information for students:

**OIT Help Desk Webpage:** <http://www.auburn.edu/helpdesk/>

**Password update information:**
<https://austudy.duc.auburn.edu/cgi-bin/ndcgi.exe/gid/pgLogon>

**AUInstall (software available to students at Auburn):** <http://www.auburn.edu/oit/aunet/>

**Participation**: Students are expected to participate in all class discussions and participate in all exercises. Assignments are due on announced dates. Unexcused late assignments are unacceptable. It is the student’s responsibility to contact the instructor if assignment deadlines are not met. Students are responsible for initiating arrangements for missed work. Students must satisfy all course objectives to pass the course.

**Excused Absences**:  Students are granted excused absences from class for the following reasons:  Illness of the student or serious illness of a member of the student’s immediate family, the death of a member of the student’s immediate family, trips for student organizations sponsored by an academic unit, trips for University classes, trips for participation in intercollegiate athletic events, subpoena for a court appearance, and religious holidays.  Students who wish to have an excused absence from this class for any other reason must contact the instructor in advance of the absence to request permission.  The instructor will weigh the merits of the request and render a decision. When feasible, the student must notify the instructor prior to the occurrence of any excused absences, but in no case shall such notification occur more than one week after the absence.  Appropriate documentation for all excused absences is required. Please see the [Student Policy eHandbook](http://www.auburn.edu/student_info/student_policies/) for more information on excused absences (<http://www.auburn.edu/student_info/student_policies/>).

**Make-Up Policy:**Arrangement to make up missed major examination (e.g. hour exams, mid-term exams) due to properly authorized excused absences must be initiated by the student within one week from the end of the period of the excused absences.  Except in unusual circumstances, such as continued absence of the student or the advent of University holidays, a make-up exam will take place within two weeks from the time that the student initiates arrangements for it. Except in extraordinary circumstances, no make-up exams will be arranged during the last three days before the final exam period begins.  The format of the make-up exam will be (as specified by instructor).

**Disability Accommodations:** Students who need accommodations are asked to electronically submit their approved accommodations through AU Access and to arrange a meeting during office hours the first week of classes, or as soon as possible if accommodations are needed immediately. To set up the meeting, please contact the instructor by e-mail. If you have not established accommodations through the Office of Accessibility, but need accommodations, make an appointment with the Office of Accessibility, 1228 Haley Center, 844-2096 (V/TT).

**Honesty Code**:  All portions of the Auburn University student academic honesty code (Title XII) found in the [*Student Policy eHandbook*](http://www.auburn.edu/student_info/student_policies/) will apply to this class.  All academic honesty violations or alleged violations of the SGA Code of Laws will be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.

**Course contingency**: If normal class and/or lab activities are disrupted due to illness, emergency, or crisis situation, the syllabus and other course plans and assignments may be modified to allow completion of the course. If this occurs, and addendum to your syllabus and/or course assignments will replace the original materials.

*In addition to the university recommended statements noted above, College of Education syllabi are to include the following statement:*

**Professionalism**: As faculty, staff, and students interact in professional settings, they are expected to demonstrate professional behaviors as defined in the College’s conceptual framework. These professional commitments or dispositions are listed below:

* Engage in responsible and ethical professional practices
* Contribute to collaborative learning communities
* Demonstrate a commitment to diversity
* Model and nurture intellectual vitality

**10. Other Class Policy Statements:**

*The instructor reserves the right to alter the schedule and content of this syllabus in order to accommodate the needs of the students and/or in light of university and academic schedule changes.*

 **AQTS Course Assessment Map**

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| Course Objectives | **Course Assessment** |
| Term Paper | Weekly Discussion | Educational Material Presentation | Symbaloo/Livebinder | Evernote Practice | Self-Introduc-tion | Zotero A-B | Study Plan | Final Assignment/Reflection |
| Facilitate and promote student learning and creativity using a variety of technology (**290-3-3-.42(4)(b)1.)** | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |  |  | ✔ |
| Select appropriate tools relevant to individual learners and integrate it into a classroom instruction (**290-3-3-.42(4)(b)1., 290-3-3-.42(4)(b)2.)** |  | ✔ | ✔ | ✔ | ✔ |  |  |  |  |
| Demonstrate confidence in using Web 2.0, mobile apps and cloud based technologies (**290-3-3-.42(4)(b)3.)** |  |  | ✔ | ✔ | ✔ | ✔ |  |  | ✔ |
| Model and promote safe, legal and ethical use of digital media (**290-3-3-.42(4)(b)4.)** | ✔ | ✔ |  |  |  |  | ✔ |  |  |
| Engage in professional growth by participating in online communities and developing self-directed learning skills (**290-3-3-.42(4)(b)5.)** |  | ✔ |  |  |  | ✔ | ✔ | ✔ | ✔ |