Using Technology Tools to Enhance Physical Education
EDUO 9334 1 Semester Credit/Unit
Instructor – Andrew Cotter
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Course Syllabus

Course Overview:

Discover ways technology can add value to your physical education curriculum. Many physical educators tend to steer clear of devices that can discourage physical activity, such as cell phones or tablets. However, technology tools can be effective in increasing both motivation and activity. Dive into this topic by discussing different viewpoints on technology use in physical education and by learning how to blend technology tools with your physical education curriculum.

Course Learning Objectives: As a result of this course, you will have the opportunity to:

● Discuss your personal opinions on technology in the physical education environment.
● Reflect on different ways you've used technology in education.
● Partake in personal discovery by using technology then discussing your experience, while also brainstorming how you can apply this into the physical education setting.
● Discover different ways you can use technology in the physical education environment.
● Recall your learning throughout the course.

Course Relation to CCS or other Professional Standards
Shape America: Society of Health and Physical Educators
Standard 1: Content and Foundational Knowledge
Physical educators demonstrate an understanding of common and specialized content, and specific and theoretical foundations for the delivery of an effective preK-12 physical education program.
Standard 3: Planning and Implementation
Physical educators apply content and foundational knowledge to plan and implement developmentally appropriate learning experiences aligned with local, state and/or SHAPE America's National Standards and Grade-Level Outcomes for K-12 Physical Education through the effective use of resources, accommodations and/or modifications, technology and metacognitive strategies to address the diverse needs of all students.
Standard 4: Instructional Delivery and Management
Physical educators engage students in meaningful learning experiences through effective use of pedagogical skills. They use communication, feedback, technology, and instructional and managerial skills to enhance student learning.
Standard 6: Professional Responsibility
Physical educators demonstrate behaviors essential to becoming effective professionals. They exhibit professional ethics and culturally competent practices; seek opportunities for continued professional development; and demonstrate knowledge of promotion/advocacy strategies for physical education and expanded physical activity opportunities that support the development of physically literate individuals.

How to Submit Coursework

Each completed assignment in this course is submitted to the instructor for review. Follow directions at the end of each assignment on how to prepare and submit your assignments. <u>Name</u> each file submitted with your last name and assignment number (i.e. BrownAssignment3. <u>Make sure</u> you place your full name, course number and assignment number at the top of each document page. You will receive feedback from your instructor within 5 days indicating successful completion of the assignment or the need for revision. Assignment grades will be averaged for the final course grade.

Submit completed work to the corresponding Module dropboxes in Moodle

Course Modules / Assignments

Module 1: Introduction (Discussion Thread)	
Objective	Introduce yourself, and engage in a discussion about how you are already using technology in your classroom.
Assignment	1. *Contribute to the Module 1 Forum discussion* by Introducing yourself (How long have you been teaching, where you teach, what grade levels are your students). 2. Share in the same post, one experience you have with technology in your classroom. 3. Respond to two other posts from your colleagues as available.
Assessment	Completed assignment work will be assessed using the Course Assessment Rubric.

Module 2: Welcome to the World of Technology in PE	
Objective	Share your opinions, concerns, and overall thoughts on technology in PE.
Assignment	Materials: WiFi, Internet Access, Link: High Tech Gym Class 1. Watch and reflect on the short news clip High Tech Gym Class 2. Identify interesting points that stand out to you. 3. Develop and apply questions you have about the clip to your own personal situation. Assignment Write a one-page paper. **Place you completed work into the Module 2 Moodle Dropbox**
Assessment	Completed assignment work will be assessed using the Course Assessment Rubric.

Module 3: Technology and Motivation Self-Reflection	
Objective	Apply knowledge gained from personal use of a Pedometer app as a motivational support for yourself and your students.
Assignment	Materials WiFi, Internet Access, Smart Phone, Pedometer App, Finding Your Motivation For Exercise (American College of Sports Medicine, 2015) 1. Select-a smartphone app that uses a pedometer to begin tracking your daily steps (ex. iPhone health app, Pedometer++, Pacer Pedometer, Pedometer a, etc.) 2. Track-daily steps for four days 3. Read-Finding Your Motivation For Exercise (American College of Sports Medicine, 2015) **Assignment** Write a two-page paper about your experiences with the pedometer app selection, and how this technology impacted your motivation. Include data the app provided and if tracking the data impacted your motivation? Share ideas on how you could implement something like this in your Physical Education program? What would be some of the roadblocks? How could you overcome them? **Place you completed work into the Module 3 Moodle Dropbox**
Assessment	Completed assignment work will be assessed using the Course Assessment Rubric.

Module 4: Using Technology in PE Class (Podcast)	
Objective	Listen and learn from your colleagues about ways they are using technology in their PE classes.
Assignment	1. Listen-to the Using Technology in PE Class (Landers & Nellems, 2022) podcast. 2. Identify-three takeaway points from the podcast. 3. Reflect-on these points. **Assignment:** Write a 1-2 page paper describing your three takeaway points from the podcast. Why are these points important to you? Include personal experiences and any other important information in your descriptions. **Place you completed work into the Module 4 Moodle Dropbox**
Assessment	Completed assignment work will be assessed using the Course Assessment Rubric.

Module 5: Technological Resources for PE	
Objective	Discover other technological tools you may add to your educational tool belt.
Assignment	Materials: Apps For Use In Physical Education (Educational Resources, 2021) **Assignment:** Select two apps from the website above. Write a half-page review for each app. In your review include what you find useful, and one way you would improve the app. Summarize your review by discussing how you might use the app in coordination with your personal PE class situation. **Place you completed work into the Module 5 Moodle Dropbox**
Assessment	Completed assignment work will be assessed using the Course Assessment Rubric.

Module 6: Conclusion (Discussion Thread)	
Objective	Reflect on any information you found meaningful in this course.
Assignment	Post to the Module 6 Conclusion Discussion Thread Share what you found beneficial from this course and how you can apply it to your Physical Education program. Include any plans to share it with colleagues or others who might find the information beneficial.
Assessment	Completed assignment work will be assessed using the Course Assessment Rubric.

Course Assessment Rubric:

EXCELLENT Meets or Exceeds Course Objectives: A to A-	ACCEPTABLE Majority of Work Meets Course Objectives; B+ to B-	NOT ACCEPTABLE Needs Considerable Improvement: Resubmit Work Suggested: C or below
All work submitted reflects in-depth understanding of course objectives.	Most work submitted reflects in-depth understanding of course objectives.	Work shows little or no in-depth understanding of course objectives.
Assignment responses show evidence of new knowledge evidenced by thoughtful, detailed and accurate assignment responses.	Most assignment responses show evidence of new knowledge evidenced by thoughtful, detailed and accurate assignment responses.	Responses show little to no evidence of new knowledge as evidenced by lack of thoughtful, detailed and accurate assignment responses.

Work submitted was organized and clearly articulated. The student carefully followed all assignment instructions. The instructor did not have to provide continual assignment clarification or request revisions.	Most work submitted was organized and clearly articulated. The student carefully followed all assignment instructions. The instructor had to provide continual assignment clarification or ask for revisions.	Work submitted was not organized or not clearly articulated. The instructor had to provide constant clarification and ask for continued revisions.
Assignment content and required projects were original.	Assignment content and required projects were original.	Evidence that not all assignment content and required projects were original.
Work is free of spelling and/or grammatical errors.	Work has few spelling and/or grammatical errors.	Work has numerous spelling and/or grammatical errors.