New York Center for Teacher Development, Inc.

In affiliation with The University of Massachusetts Global (Extended Education)

Course Syllabus

Course:	**EDZU 9118** **Instructional Technology Platforms in the Classroom K-12**
Credit Hours:	3.0 credits / 45 hours
Instructor:	**Laura Kazmierski**

Course Description

This course will focus on technology that is used in your classroom and the benefit it can have in your specific classroom setting to enhance instruction and learning. Targeted areas for technology platforms include the following main areas of focus throughout this course: technology in the classroom: research and why it matters, technology that supports student lessons and content learning, technology that supports assessment of student learning, interactive lessons and collection of student responses, technology that supports the creation of student projects and presentations, and technology that supports communication with families. Specific strategies will be modeled for each technology platform covered that will provide an overview of how to modify for both K-5 and 6-12 classrooms. If you are looking for a classroom technology refresh, this course will also provide strategies that target the following teacher and/or student needs in the classroom: saving instructional time with specific platform usage, individualized assessments, data collection and review, surveys and student response generators, groupings and student placement, and classroom management and positive reinforcement.

Course Goals

To Know
1. Ways to evaluate technology and considerations to make that inform the specific choice of technology (or not) in your classroom.
2. New technology platforms for your classroom.
3. The importance of strong technology use in your classroom for student learning and targeting specific academic needs to maximize classroom time.

To Understand
1. Examples of technology platforms that can be used to target a specific classroom need.
2. Why it is important to use technology (and not use technology) for specific instruction and assessment in your classroom.
3. Ways to implement at least 5 of the presented technology strategies and tools.

and To Be Able To
1. Reflect on the technology usage in your classroom and what has or has not been working successfully.
2. Identify a specific technology platform presented in your classroom to target a need.
3. Create lessons that utilize the technology platforms with specific engagement strategies for your population of students.

Course Outline

Topic 1: Technology in the classroom: Research and why it matters
 Technology in the classroom
 Identifying purpose of technology
  Reflection
  Value of technology platforms
  Positives and negatives
  Student assessment and feedback

Topic 2: Technology that support student lessons and content learning
 Platform evaluation
  Edpuzzle
  Nearpod
  Peardeck

Topic 3: Technology that supports assessment of student learning and collection of student responses
 Collection of student responses
  Blooket
  Quizizz
  Kahoot
  Mentimeter

Topic 4: Technology that supports the creation of student projects and presentations
 What does creating look like in your classroom?
  Create Platforms
   Canva
   Book Creator
   Storybird
 Unique ways to use technology in the classroom
 Teaching strategies for the classroom
 Creating a student project task
 Reflection

Topic 5: Technology that supports communication with families
 Parent Communication
  Remind vs. Seesaw
 Summary and reflection

Culminating Task (professional development Graduate Students only)

Methods of Instruction

Moodle will be used as the learning management system for this course offering. Content will be delivered to students by providing lessons divided into each of the categories in the outline above. There will be a combination of videos, website resources and blogs, as well as written commentary from the instructor to the students for each lesson. Students will be given assignments including submitting their work samples, participating in discussion forums with the instructor and peers, and responding to feedback from the instructor. The instructor will present open forums and ongoing feedback to each participant throughout the duration of the course. Instructor will ask for surveys to be completed throughout the course for more immediate feedback and suggestions on the course content and materials being used.

Students will connect with each other throughout the course within forums and various other types of online feedback options built into each class.

Methods of Assessment

Students will be assessed based on the completion of weekly assignments and discussion forums. The assignments presented will cover the content and main points in the content delivery materials provided. Students will have one culminating task the last week of the course that will combine the content they have done and the work they have completed up until that point. Successful completion of all assignments, discussion forums, and reviewing of content will result in passing credit. To receive an A, students need to participate and submit every assignment in its entirety, including the culminating project. In order to receive a B, students need to have participated in discussions and assignments, as well as a successful submission of the culminating project.

Instructors are online each day of the course and correspond with students through the course itself, feedback on assignments, and e-mail.

Time Validation

Assignment	Time (in hours)
Students complete a post responding to four quotes about which resonated most, reflection.	1.50
Participants share philosophy of education around technology, forum.	1.50
Article reading and reflective thinking choice prompts, connection to their classroom response	2.00
Assessment in classroom research presented and selection of prompts to respond to.	2.00
Edpuzzle access, specific strategies for K-5 and 6-12 teachers, applicable reflection analysis.	1.50
Nearpod access, content for grade level standard and existing content evaluation.	1.50
Demonstrating process of evaluation technology using three criteria.	1.50
Comparing and contrasting the three presented, best way to target student needs addressed.	1.50
Multimedia sources viewed for Blooket, Quizzizz, Kahoot, evaluation of technology.	2.00
Mentimeter learning how to create and view exiting, create own mentimeter for classroom.	3.00
Collection of student responses, evaluation of three platforms, specific content questions.	3.00
Create time instructor note and how to connect to current setting, forum participation.	2.00
Multimedia sources viewed for create platforms used K-12, evaluation of platforms.	4.00
Student project task creation using technology, expectations for content, rubric/checklist.	3.00
Student generated reflection, respond to other prompts provided.	1.50
Instructor note on parent communication, current position reflection and ideas.	1.50
Remind and Seesaw sources provided, application to classroom and community.	1.50
Note from instructor - developing a critical lens for selecting tech., non-negotiables.	2.50
Culminating task - two-day lesson plan that encompasses all bulleted criteria.	8.00
Total Time	**45.00**