

Capstone Project: Part I Proposal  
EDTC 6332 Practicum in Educational Technology  
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**Performance Problem**

Edmodo is a social learning platform for teachers, students and parents. This technology tool can be incorporated into classrooms through a variety of applications including reading, assignments, and paper-studying. Current uses include posting assignments, creating polls for student responses, embedding video clips, create learning groups, post a quiz for students to take, and create a calendar of events and assignments. Students can also turn in assignments or upload assignments for their teachers to view and grade. This network surfaces the world’s best resources and tools, providing the building blocks of a high quality education. These powerful capabilities enable teachers to personalize learning for every student. Edmodo is free for teachers and students (Edmodo, 2013).

The problem is that getting registered in Edmodo and learning to utilize its tools is challenging specially for the teachers who have little or no experience in technology. According to the 2012-2013 STaR chart (School Technology and Readiness), Myra Green Middle School teachers scored 1 in Key Area II. In other words, teachers of Myra Green Middle School are considered Early-Tech in Professional Development for Online Learning (Texas Education Agency, 2013). The teachers need to be trained to implement this specific technology tool in their classes. Myra Green Middle School teachers will be trained on how to use Edmodo in order to enhance the learning process in their classrooms.

How can teachers be trained on Edmodo when they have little or no experience in using technology? What is the best way to ensure teachers of Myra Green Middle School will learn about this technology tool and be well prepared to implement Edmodo in their classes?

**Viable Solution**

Solution 1:

Train teachers on how to implement Edmodo in their classes by following a web-based online tutorial as a group in a face-to-face format.

Solution 2:

Train teachers on how to implement Edmodo in their classes by asynchronous online presentation in an online format with instructor interaction and feedback

	<b>Solution 1</b>	<b>Solution 2</b>
Description of the solution	Train teachers on how to implement Edmodo in their classes by following a web-based online tutorial asynchronous in a face-to-face format.	Train teachers on how to implement Edmodo in their classes by asynchronous online presentation in an online format with instructor interaction and

		feedback.
Internal (personal) strengths in relation to the solution	<ul style="list-style-type: none"> <li>• Skilled in using Edmodo</li> <li>• I have experience in creating IU (online tutorials) by using Weebly</li> <li>• I have experience in using Camtasia, to create enhanced videos for tutorial</li> <li>• I have experience in creating interactive quizzes on Polldaddy to provide immediate feedback</li> <li>• I have experience in taking screen shots and enhance them with Snagit to create step by step illustrated tutorial.</li> <li>• I have experience in conducting face to face tutorials for better quality trainings.</li> <li>• I am reachable through phone and email in case of questions/feedbacks</li> </ul>	<ul style="list-style-type: none"> <li>• Skilled in using Edmodo</li> <li>• I have experience in creating Power Points with Microsoft 2010</li> <li>• I have experience in embedding and or pasting links of YouTube videos to a PowerPoint</li> <li>• I am familiar with myBrainshark to record voice unto presentation and provide better tutorial.</li> <li>• I am reachable through phone and email in case of questions/feedbacks</li> </ul>
Internal (personal) weaknesses in relation to the solution	<ul style="list-style-type: none"> <li>• Creating a web-based IU is time consuming.</li> <li>• I have to record videos for steps and edit them with Camtasia, which will take a lot of time.</li> <li>• I have to pick a design, colors and template for the web-based IU on</li> </ul>	<ul style="list-style-type: none"> <li>• Creating a PowerPoint presentation requires time since I have to organize, design, and add content to it.</li> <li>• When uploading a PowerPoint to myBrainshark, YouTube videos won't be embedded along with the</li> </ul>

	<p>Weebly. That is a hard decision since I have to make sure the web-based IU provides an organized, clean and easy to navigate website</p> <ul style="list-style-type: none"> <li>• Might need an avatar to be the guide in the tutorial. Need to take time in creating one</li> <li>• I have to constantly check that all links, uploaded videos, interactive quizzes and other tools work correctly</li> </ul>	<p>presentation, so I have to provide links to the YouTube videos instead.</p> <ul style="list-style-type: none"> <li>• Recording myBrainshark with my voice to guide Teachers in using Edmodo will require time and patience.</li> <li>• I do make a lot mistakes when explaining “how to” videos, I will have to write a narrative paragraph before recording video.</li> </ul>
<p>External (environmental) opportunities in relation to the solution</p>	<ul style="list-style-type: none"> <li>• Even though the training will be done as a group, the web-based IU will be self-paced so learners can be comfortable in completing this IU at their own pace. They may skip or repeat steps until they learn about the tool.</li> <li>• This IU will be a hands-on tutorial, they will be following each step with their own created Edmodo account</li> <li>• This IU will be interactive Web-based which means learners may have access to it if they need to remember</li> </ul>	<ul style="list-style-type: none"> <li>• MyBrainshark presentation will be self-paced so learners will be comfortable in completing the training. They may pause the video, skip slides or rewind it to review steps</li> <li>• In myBrainshark presentation, links to “step by step” YouTube videos will be available to help visual learners better understand the steps.</li> <li>• Link of myBrainshark presentation can be shareable with other teachers.</li> </ul>

	<p>steps. They can access whenever they wish, anywhere they want. All they need is a computer with internet.</p> <ul style="list-style-type: none"> <li>• Link of the web-based IU can be shareable with other teachers.</li> <li>• Learners can add comments and questions right away on web-based training.</li> <li>• Learners can access the IU anywhere, anytime on a computer or mobile device with internet connection</li> </ul>	<ul style="list-style-type: none"> <li>• Learners can access the presentation anywhere, any time as long as they have a computer or mobile device with internet connection</li> <li>• Learners can comment after tutorial presentation for immediate feedback</li> <li>• Learners and presenter will be connected online through Blackboard during the presentation for additional guidance.</li> </ul>
External (environmental) threats in relation to the solution	<ul style="list-style-type: none"> <li>• Unless the training is required, teachers will not do it</li> <li>• Without the administrators' support, this training may not meet the goals and objectives</li> </ul>	<ul style="list-style-type: none"> <li>• Since this is voice guided presentation, learners need to make sure they have speakers or earphones available to them</li> <li>• Unless training is required, teachers will not do it</li> <li>• Without the administrators' support, this training may not meet the goals and objectives</li> </ul>
<b>Your chosen solution</b>	<b>Solution 1</b>	
<p><b>Reasons</b> Even though it takes a lot of effort in creating a web-based IU, I believe it is the best solution. Creating a web-based training will benefit the teachers more</p>	<p>Train teachers on how to implement Edmodo in their classes by following a web-based online tutorial as a group in a face-to-face format.</p>	

<p>because it will be self-paced and it will also be asynchronous in case teacher's questions arise and need more guidance. Also this IU will be a long-term availability if I provide the IU's link for the teacher's webpage on the school's website.</p>	
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**Deliverables**

This instructional unit will be 100% web-based. It will be created with Weebly in which I'm able to use many interactive technology tools. The IU will have an introduction with a short video to motivate and engage the learner. The guide, an avatar will be introduced to get familiar with her to follow her instructions. The instructional unit will have screen shots and videos of the steps along with links to Edmodo so learners can follow the steps as soon as they read or watch the instructions. Every page in the training website will be separated by steps. For example, at the end of the introduction page there will be a button that says "Proceed to Step1". Also at the top and the bottom of each page module, buttons will be posted to provide the learner with flexibility in choosing the modules they wish to view. For example "Go back", "Next", "Home". Before proceeding to the next step, the learner has to answer 1-2 quizzes questions with instant feedback to check their understanding on that certain step. At the end of the IU the learners will submit their email with their Edmodo profile login name to receive a Certification of Completion. The teachers will take approximately 30 minutes to complete the whole IU. There will be 5 modules in the unit. Module topics will be as follows:

- Create an Edmodo account with a teacher profile
- Create a class group
- Post messages
- Create and upload assignments
- Create quizzes and surveys

To assess the effectiveness of the solution teachers will take ten questions assessment. The assessment will be created with Polldaddy which will give immediate feedback so learners can reflect on the lesson learned.

**Instructional Goal and Objectives**

Upon completion of Edmodo Tutorial, five randomly selected teachers from Myra Green Middle School will successfully use Edmodo to enhance the learning process in their classrooms.

Goal	Terminal Objective	Enabling Objective
Upon completion of	<b>Terminal Objective 1</b>	<b>Enabling Objective 1.1</b>

Edmodo Tutorial, five randomly selected teachers from Myra Green Middle School will successfully use Edmodo to enhance the learning process in their classrooms.	Create an Edmodo account with a teacher profile.	Go to Edmodo.com site and Choose to sign up as a teacher
		<b>Enabling Objective 1.2</b> Provide the required information and sign up
		<b>Enabling Objective 1.3</b> Access the <i>Profile</i> tab at the top right corner and update your information
		<b>Enabling Objective 1.4</b> Choose a URL for your Edmodo page
	<b>Terminal Objective 2</b> Create a class group	<b>Enabling Objective 2.1</b> Click on the <i>Home</i> tab at the top right corner of Edmodo page
		<b>Enabling Objective 2.2</b> Click on the <i>Create Group</i> Tab located below the profile picture
		<b>Enabling Objective 2.3</b> Enter the information: group name, grade and subject
		<b>Enabling Objective 2.4</b> Copy the code so you can distribute it to your students to join the group
	<b>Terminal Objective 3</b> Post messages	<b>Enabling Objective 3.1</b> Locate the <i>Post</i> label in the Edmodo home page
		<b>Enabling Objective 3.2</b> Type a note or a reminder that you would like to share with your students
		<b>Enabling Objective 3.3</b> Click in the <i>Attach File</i> option and browse for the file in your computer
		<b>Enabling Objective 3.4</b> Select the recipients for your message and Press <i>Send</i>
		<b>Terminal Objective 4</b> Create and upload

	assignments	click in the <i>Assignment</i> option
		<b>Enabling Objective 4.2</b> Enter the assignment title and due date
		<b>Enabling Objective 4.3</b> Click in the <i>Attach File</i> option and browse for the assignment in your documents/pictures/videos/ etc
		<b>Enabling Objective 4.4</b> Select the recipients for your assignment and Press <i>Send</i>
	<b>Terminal Objective 5</b> Create quizzes and surveys	<b>Enabling Objective 5.1</b> Locate the <i>Post</i> label and click in the <i>Quiz</i> option
		<b>Enabling Objective 5.2</b> Choose the <i>Create Quiz</i> option; enter the quiz name and time limit
		<b>Enabling Objective 5.3</b> Click in the <i>Add question</i> tab; enter questions and correct answers
		<b>Enabling Objective 5.4</b> Click in the <i>Assign Quiz</i> tab; select recipients and Send

*This information may be subject to the output/results of your instructional/task analysis.*

# edmodo

## Action Plan

Objective	Activity	Technology	Assessment
<p><b>Terminal Objective 1</b> Create an Edmodo account with a teacher profile.</p> <p><i>(all steps will be illustrated with screenshots, pointers, and a video at the end to help participant meet the goal)</i></p>	<p>Before starting the actual training, the participants will watch a short video to be introduced to Edmodo and learn about the goals and objectives. This video will get the learner's attention and motivate them to go through the training.</p>	<p>-A Digital Projector (Eiki) -A laptop with internet access -A YouTube Edmodo Video -Computer speakers</p>	<p>Participants have to answer one question about the Edmodo video to check understanding on Edmodo as an educational tool.</p>
<p><b>Enabling Objective 1.1</b> Go to Edmodo.com site and Choose to sign up as a teacher</p>	<p>All participants will access the webpage by typing in the URL address <a href="http://www.edmodo.com">www.edmodo.com</a> Once there, they will look for the box that says <i>Sign up now I'm a teacher</i></p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training -A printer (optional) if they would like to print out the <i>flowchart</i> and the provide <i>rubric</i> to follow and complete their assignment</p>	<p>Participant Observation</p>
<p><b>Enabling Objective 1.2</b> Provide the required information and sign up</p>	<p>Participants will type in the required information such as name, last name, email, school's name etc. in order to create their teacher account</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>
<p><b>Enabling Objective</b></p>	<p>Participants will</p>	<p>-A computer with</p>	<p>Participant</p>



<p><b>1.3</b> Access the <i>Profile</i> tab at the top right corner and update your information</p>	<p>create their Profile page by adding information about themselves</p>	<p>internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Observation</p>
<p><b>Enabling Objective 1.4</b> Choose a URL for your Edmodo page</p>	<p>Participants will customize an URL to access to their profile page. They will write down to access to it or share it later. Also a video with the whole step will be available at the end of Step 1 for better understanding.</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>At this point, participants will be assessed with one question about step 1. Question will appear in a pop up window with immediate feedback to check understanding.</p>
<p><b>Terminal Objective 2</b> Create a class group</p>	<p>Participants will be ready to see step by step screen shots and read to follow instructions. If they don't understand screenshots, then they have the choice of watching the video and follow it after viewing it.</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>
<p><b>Enabling Objective 2.1</b> Click on the <i>Home</i> tab at the top right corner of Edmodo page</p>	<p>Participants will access Home page to proceed to the next objective</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>
<p><b>Enabling Objective 2.2</b> Click on the <i>Create Group</i> Tab located below the profile picture</p>	<p>Participants will see a screen shot to locate the button to create a class group, and then they'll follow the step on the screen.</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>

<p><b>Enabling Objective 2.3</b> Enter the information: group name, grade and subject</p>	<p>Participants will enter information about a certain class period to be added as a group</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>
<p><b>Enabling Objective 2.4</b> Copy the code so you can distribute it to your students to join the group</p>	<p>Participants will write down their code given to use later with their students (this code will be submitted to Edmodo while the students register to have access to their class group)</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>At this point, participants will be assessed with one question about step 1. Question will appear in a pop up window with immediate feedback to check understanding.</p>
<p><b>Terminal Objective 3</b> Post messages</p>	<p>Participants will be ready to see step by step screen shots and read to follow instructions. If they don't understand screenshots, then they have the choice of watching the video and follow it after viewing it.</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>
<p><b>Enabling Objective 3.1</b> Locate the <i>Post</i> label in the Edmodo home page</p>	<p>Participants click on the Post button to create a message for their students</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>
<p><b>Enabling Objective 3.2</b> Type a note or a reminder that you would like to share with your students</p>	<p>They will type in a short message about the attachment to be sent. It could be a "reminder" or "check this out" to open up a class</p>	<p>-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training</p>	<p>Participant Observation</p>

	discussion		
<b>Enabling Objective 3.3</b> Click in the <i>Attach File</i> option and browse for the file in your computer	They have the choice to attach a file, for example a picture/illustration to be analyzed or a study guide for a quiz, etc. With this tool teachers can actually upload and send practically any type of file	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	Participant Observation
<b>Enabling Objective 3.4</b> Select the recipients for your message and Press <i>Send</i>	Teachers can select some of the students from the class groups or all of them to deliver this message with attachment	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	At this point, participants will be assessed with one question about step 1. Question will appear in a pop up window with immediate feedback to check understanding.
<b>Terminal Objective 4</b> Create and upload assignments	Participants will be ready to see step by step screen shots and read to follow instructions. If they don't understand screenshots, then they have the choice of watching the video and follow it after viewing it.	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	Participant Observation
<b>Enabling Objective 4.1</b> Locate the <i>Post</i> label and click in the <i>Assignment</i> option	Another tool teachers will learn is to create assignments for students to complete. They will click on Post button and choose assignment to create one	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	Participant Observation
<b>Enabling Objective 4.2</b>	Participant will be creative in creating a	-A computer with internet access	Participant Observation

Enter the assignment title and due date	“practice” assignment with a title and due date For example “read chapter 4 and be ready for a class discussion on June 13”	-Speakers or headphones to listen to videos and instructions within the online training	
<b>Enabling Objective 4.3</b> Click in the <i>Attach File</i> option and browse for the assignment in your documents/pictures/videos/ etc	Participant will learn to attach files such as word documents and	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	Participant Observation
<b>Enabling Objective 4.4</b> Select the recipients for your assignment and Press <i>Send</i>	Participants will follow the last step to send the assignment to students	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	At this point, participants will be assessed with one question about step 1. Question will appear in a pop up window with immediate feedback to check understanding.
<b>Terminal Objective 5</b> Create quizzes and surveys	Participants will be ready to see step by step screen shots and read to follow instructions. If they don’t understand screenshots, then they have the choice of watching the video and follow it after viewing it.	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	Participant Observation
<b>Enabling Objective 5.1</b> Locate the <i>Post</i> label and click in the <i>Quiz</i> option	The last step is to create a quiz so participants learn to assess students through Edmodo	-A computer with internet access -Speakers or headphones to listen to videos and instructions within	Participant Observation

		the online training	
<p><b>Enabling Objective 5.2</b> Choose the <i>Create Quiz</i> option; enter the quiz name and time limit</p>	Participants will click on <i>create quiz</i> and learn to label it with a name and provided time line for the students to complete it	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	Participant Observation
<p><b>Enabling Objective 5.3</b> Click in the <i>Add question</i> tab; enter questions and correct answers</p>	Participants will learn to customize/create a quiz and add the correct answer so the students can have feedback right after submitting the quiz.	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	Participant Observation
<p><b>Enabling Objective 5.4</b> Click in the <i>Assign Quiz</i> tab; select recipients and Send</p>	After participants had created a quiz they will send it to recipients or a class group	-A computer with internet access -Speakers or headphones to listen to videos and instructions within the online training	At this point, participants will be assessed with one question about step 1. Question will appear in a pop up window with immediate feedback to check understanding.

## Timeline

This capstone project will take eight weeks to complete it. It will be evaluated by the SME in order to create a successful web-based Instructional Unit and meet the goals and objectives.

WEEK	DATE	ACTIVITIES/MILESTONES
1	6/12/13	Complete and submit preliminary project plan-Proposal on a PDF file by submitting it to SME through blackboard
2	6/17/13	Review module outlines with SME Begin to design the Weebly page (pick colors, images, buttons, etc) and save it. Create the flowchart and Rubric for the Edmodo training activity. Save it in PDF to be downloaded and printed by the learners.
3	6/24/13	Update project plan based on feedback from instructor Begin to work on module 1 by embedding the Edmodo YouTube video to Home page. Add screen shots with descriptions and indicators/pointers by using Snagit 11 Editor software. Proceed with following modules if time permits. Upload the PDF files of the flowchart and the rubric on the homepage of the training.
4	7/01/13	Develop and test Weebly template for the course and all modules Have module 1 multimedia component ready for SME review
5	7/08/13	Add the screen shots to each module. Start recording instructional videos with Camtasia for each of the Modules
6	7/15/13	Create assessments for each module on Polldaddy.com. Embed quizzes to Weebly page in the modules  Identify and address any unplanned gaps, issues, remove unnecessary designs or objects that might cause distractions to learners.
7	7/22/13	Send final instructional unit to SME for review. Make necessary changes after feedback has been received.
8	7/29/13	Participants reviews web-based instructional unit

\*After five teacher- participants complete the web-based instructional unit on Edmodo, necessary changes will be made. Once evaluated and modified, this whole unit will be used in the Raymondville ISD District In-Service late in August 2013. Approximately 150 teachers will be trained on Edmodo and will be assessed to measure the goals and objectives.

## Sources

Texas Education Agency. (n.d.). Retrieved from <http://starchart.epsilen.com/>

Edmodo. (2013). Retrieved from <http://help.edmodo.com/faq/what-is-edmodo/>

Edmodo Image courtesy of Edmodo.com