

**Enhancing Pre-Service Technology Education in Palestinian Universities  
Curriculum Map for 1<sup>st</sup> Capacity-Building Module, July 3-21, 2011**

**Essential Question:** What makes educational technology engaging in teaching and learning?

	Preparation	SESSION 1		SESSION 2	SESSION 3		Summer School
Date	July 3-4	July 5-6	July 7	July 9-11	July 12-13	July 14	July 17-21
THEMES/ CORE CONCEPTS		<b>Technology in My Life</b>		<b>Technology in My Content Area</b>	<b>Technology in My Teaching</b>		
KNOWLEDE/ SKILLS/ ATTITUDES		<p><b>PARTICIPANTS WILL KNOW:</b></p> <ul style="list-style-type: none"> <li>● Different types of educational technology and their application:               <ul style="list-style-type: none"> <li>○ <i>PBWorks</i> Wiki</li> <li>○ <i>Blogger</i></li> <li>○ Google Applications (docs, gmail)</li> <li>○ Social bookmarking: i.e., <i>Delicious</i></li> <li>○ Brainstorming and graphic organizer tool: <i>Inspiration</i></li> <li>○ Research tool: <i>Survey Monkey</i></li> </ul> </li> </ul> <p><b>PARTICIPANTS WILL BE ABLE TO:</b></p> <ul style="list-style-type: none"> <li>● Create virtual community to use for curriculum development (PB Works wiki, Google docs, Facebook)</li> <li>● Work as a group to collaboratively introduce a full curriculum with others</li> </ul> <p><b>PARTICIPANTS WILL DEVELOP</b></p> <ul style="list-style-type: none"> <li>● Appreciation for collaborative group work</li> <li>● Time planning</li> <li>● Appreciation for the role of technology's impact on PARTICIPANTS, family and society</li> <li>● Respect for one another's work</li> </ul>	<i>Lab Day</i>	<p><b>PARTICIPANTS WILL KNOW</b></p> <ul style="list-style-type: none"> <li>● Learning theories to inform planning</li> <li>● Fundamentals of learner-centered pedagogy</li> <li>● Theory of "backward design" in planning curriculum, instruction and assessments (following Wiggins and McTighe, 2005)</li> <li>● Strategies for developing rationale and curriculum mapping (using backward design)</li> <li>● International standards for technological literacy (based on the International Technology and Engineering Educators Association—ITEEA)</li> <li>● Varieties of educational technology for content area research, collaboration, and assessment: VoiceThread; WebQuest; RubiStar</li> <li>● Presentation software, such as PPT, Prezi, etc.</li> <li>● Criteria for selecting appropriate educational technology</li> </ul> <p><b>PARTICIPANTS WILL BE ABLE TO:</b></p> <ul style="list-style-type: none"> <li>● Conduct online research from diverse Internet sources</li> </ul>	<p><b>PARTICIPANTS WILL KNOW:</b></p> <ul style="list-style-type: none"> <li>● Lesson plan and curriculum map templates</li> <li>● Assessment strategies</li> </ul> <p><b>PARTICIPANTS WILL BE ABLE TO:</b></p> <ul style="list-style-type: none"> <li>● Create lesson plans that incorporate the use of educational technology</li> <li>● Incorporate learner-centered assessments into instructional design</li> </ul> <p><b>PARTICIPANTS WILL DEVELOP:</b></p> <ul style="list-style-type: none"> <li>● Appreciation for collaborative work in curriculum design and instruction</li> <li>● Appreciation for integrated use of technology in planning and communication</li> <li>● Professionalism and commitment toward curriculum design and instruction</li> <li>● Respect for one another's' work</li> </ul>	<i>Prese ntation /Lab</i>	

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			<ul style="list-style-type: none"> <li>● Give and receive feedback</li> <li>● Communicate using social networking sites</li> </ul> <p><b>PARTICIPANTS WILL DEVELOP</b></p> <ul style="list-style-type: none"> <li>● Ability to work collaboratively in groups</li> <li>● Appreciation for integrated use of technology in planning and communication</li> <li>● Respect for one another's work</li> </ul>				
<b>LEARNING EXPERIENCES</b>		<ul style="list-style-type: none"> <li>● Project based activities to use software that will produce information to post on the wiki <ul style="list-style-type: none"> <li>○ Interviews</li> <li>○ blogs</li> </ul> </li> <li>● Demonstration of educational software (wiki, VoiceThread)</li> <li>● Small and large group discussion to talk about technology in their lives</li> <li>● Demonstrate and use digital still and video cameras, and audio recorders</li> </ul>		<ul style="list-style-type: none"> <li>● Project based activities to use software that will expand information in their content area to post on the wiki</li> <li>● Demonstration of Web Quest Design (a scenario— with task, online resources, team structure, evaluation rubrics, etc.)</li> <li>● Group presentation</li> </ul>	<ul style="list-style-type: none"> <li>● Revise and update an existing syllabus for a course in their area of specialization</li> <li>● Collaborative lesson planning</li> </ul>		
<b>ASSESSMENTS &amp; EVALUATION</b>		<ul style="list-style-type: none"> <li>● <b>Beginning of a wiki platform</b></li> <li>● <b>Photograph and/or video of each learner with a statement about technology use in life</b></li> <li>● <b>Rubrics for group participation</b></li> <li>● <b>Evaluation survey (Survey Monkey)</b></li> <li>● <b>Blog (journaling)</b></li> </ul>		<ul style="list-style-type: none"> <li>● <b>Group presentation to share interim progress using at least one educational technology</b></li> <li>● <b>Curriculum map or web with preliminary curriculum design</b></li> <li>● <b>Rubrics for presentation</b></li> <li>● <b>Evaluation survey (Survey Monkey)</b></li> <li>● <b>First draft of proposed standards for technological literacy</b></li> <li>● <b>Blog</b></li> </ul>	<p><b>Completed wiki that includes:</b></p> <ul style="list-style-type: none"> <li>✓ <b>A revised unit from an existing syllabus in their content area, and which incorporates at least three Standards of Technological Literacy and the use of instructional technology</b></li> <li>✓ <b>3-5 educational technology tools</b></li> <li>✓ <b>A WebQuest in content area for use in college level course</b></li> <li>✓ <b>A final draft of proposed Standards for Technological Literacy</b></li> <li>✓ <b>Blog</b></li> </ul>		

## Enhancing Pre-Service Technology Education in Palestinian Universities

### Workshops on establishing the **Multimedia and Educational Resources Center (MERC): July 14-21**

NOTE: Frank Moretti and Jonah Bossewitsch will arrive in Tel Aviv July 16<sup>th</sup> and transit to Nablus.

**Essential question:** How can MERC maximize the effective integration of the Web and educational technology toward enhancing curriculum, instruction and assessment for faculty and PARTICIPANTS in the BA Program in Pre-Service Technology Education?

Sunday July 17	<ul style="list-style-type: none"> <li>• Meeting and introductions with members of Palestine project team (PTUK, An-Najah, and Palestine Technical College)</li> <li>• Orientation to review goals, objectives and current status of MERC setup</li> <li>• Finalize topics and goals of MERC workshops</li> <li>• How can MERC be organized, equipped and managed to maximize the delivery of advanced services to assist faculty in developing digital content and instructional strategies for their courses and course sites?</li> </ul>
Monday July 18	<ul style="list-style-type: none"> <li>• How can CCNMTL's <i>Design Research Methodology</i> be adapted to enhance the goal of MERC to serve as a hub for innovative teaching, learning and research using the latest advances in information and new media technologies?</li> <li>• How can MERC become a resource for best-practices for pre-service and in-service teachers and for professional development of faculty in the integration of educational technology across all courses and programs throughout the university?</li> </ul>
Tuesday July 19	<ul style="list-style-type: none"> <li>• How can MERC be effectively integrated into the technical infrastructure, software environment, and networking environment of the university to maximize the effectiveness of its services to faculty and PARTICIPANTS?</li> <li>• What kinds of knowledge and skills should the University's technical architect(s) have so they can more effectively address the anticipated needs and ongoing development of MERC's programs and services?</li> </ul>
Wednesday July 20	<ul style="list-style-type: none"> <li>• How can MERC serve to advance the capacity of faculty to utilize Wikis and Blogs in creating their own course management systems?</li> <li>• How can MERC promote the use of wikis, blogs, and other social networking tools to more effectively share course content, foster technological literacy, and create online communities of learning among PARTICIPANTS and instructors?</li> </ul>
Thursday July 21	<ul style="list-style-type: none"> <li>• Wrap up and planning for upcoming Study Tours (at Teachers College) and Capacity-Building Modules (in Palestine)</li> <li>• Planning for a national conference on pre-service technology education (June/July 2012--?)</li> </ul>