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### Teacher Training (TT) Course Syllabus

<b>Institution Name</b>	National Polytechnic University of Armenia (NPUA)
<b>TT Course Title</b>	<b>Blended Learning and Teaching</b>
<b>Instructor(s) Name(s)</b> <b>Faculty and Department</b> <b>Position</b> <b>Email address</b> <b>Phone number</b>	Levon Kirakosyan  IICTE Institute, Department of "Computer Systems and Networks"  <a href="mailto:lkirakosyan@polytechnic.am">lkirakosyan@polytechnic.am</a>  (+374 55) 300039
<b>Meeting Dates &amp; Times</b> <b>Place/Room(s)</b>	13.03.2019, 18.03.2019, 20.03.2019, 25.03.2019, 27.03.2019 15 <sup>00</sup> -17 <sup>00</sup> UCOM
<b>Workload</b>	10 hours presented in 2 hours per day x 5 days of classroom work
<b>Course Purpose</b>	The purpose of this teacher training course is to provide teachers with a specific expertise in blended learning and teaching, based on the using of the innovative methods of e-learning, information technology and related software.
<b>Learning Outcomes (LOs):</b>	At the end of this course, the trainees will be able to: <ul style="list-style-type: none"> <li>• Gain experience in online environment organizing lectures, practical and laboratory work.</li> <li>• Gain skills in using state-of-the-art technical means and technologies for creating favorable learning environment, ability in creating favorable environment for blended learning</li> <li>• Develop students' skills in learning by using innovative methods</li> <li>• Provide qualitative changes of relationships and interactions between teacher and student</li> <li>• Involve students in the creative process, increase their involvement</li> </ul>
<b>Course methodology/</b>	The training approach of the course consists of:

<b>Instructional Strategies</b>	<ul style="list-style-type: none"> <li>• Lectures – instruction and theory on Blended learning</li> <li>• Small group exercises – adapting theory</li> <li>• Case studies – use of scenarios to exercise problem solving</li> <li>• Questions and answers – updating skills and knowledge</li> <li>• Resources in the form of support documentation will be sent in an electronic format</li> <li>• Feedback of the session</li> </ul>
<b>Recommended Texts &amp; Materials</b>	<ul style="list-style-type: none"> <li>• Constructivist Theory (Bruner): <a href="http://www.instructionaldesign.org/theories/constructivist.html">http://www.instructionaldesign.org/theories/constructivist.html</a></li> <li>• Salmon, G. (2007). 80: 20 for E-Moderators. <a href="https://eprints.usq.edu.au/18862/2/Salmon_Ch16_2006_PV.pdf">https://eprints.usq.edu.au/18862/2/Salmon_Ch16_2006_PV.pdf</a></li> <li>• Salmon, G. (2013). <i>E-tivities: The key to active online learning</i>. Routledge. <a href="https://www.gillysalmon.com/e-tivities.html">https://www.gillysalmon.com/e-tivities.html</a></li> <li>• Salmon, G. (2004). <i>E-moderating</i>. Routledge. <a href="https://www.gillysalmon.com/e-moderating.html">https://www.gillysalmon.com/e-moderating.html</a></li> <li>• Schön, D. A. (1987). <i>Educating the Reflective Practitioner. Toward a New Design for Teaching and Learning in the Professions. The Jossey-Bass Higher Education Series</i>. Jossey-Bass Publishers, 350 Sansome Street, San Francisco, CA 94104.</li> <li>• Bloom’s Taxonomy of action verbs, Taxonomy from Anderson, et. al, A Taxonomy for Learning, Teaching, and Assessing (2001). <a href="https://sites.google.com/site/bloomstaxonomy2/verb-wheel">https://sites.google.com/site/bloomstaxonomy2/verb-wheel</a></li> <li>• Bass, Randall (2014). “Social Pedagogies in ePortfolio Practices: Principles for Design and Impact” Retrieved from <a href="http://c2l.mcnrc.org/pedagogy/ped-analysis/">http://c2l.mcnrc.org/pedagogy/ped-analysis/</a></li> </ul>
<b>Basic Technical/Media Requirements</b>	<ul style="list-style-type: none"> <li>• Personal computers, Mac, iPad or Tablet, Laptop, Lab-Notebook, Smartphone, etc.</li> <li>• Internet connection (DSL, LAN or Cable connection, Web browser’s type, etc.)</li> <li>• Special software required</li> </ul>
<b>Quality Assurance (QA)</b>	Online feedback survey of trainees and a brief QA report

**Course Overview/Outline**

Training Days	Key Topics	Learning Activities	Assignments
Day 1 13.03.2019 15 <sup>00</sup> -17 <sup>00</sup> UCOM	<ul style="list-style-type: none"> <li>• Introduction to Blended Learning and Teaching</li> <li>• Distance Learning and its application</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture/Presentation</li> <li>• Discussions</li> <li>• Define small groups</li> <li>• Case studies</li> </ul>	<ul style="list-style-type: none"> <li>• Individual assignment #1 on formulating learning</li> </ul>

			objectives
<b>Day 2</b> 18.03.2019 15 <sup>00</sup> -17 <sup>00</sup> UCOM	<ul style="list-style-type: none"> <li>• E-moderating</li> <li>• Learning approaches</li> <li>• The reflective practitioner/teacher</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture/Presentation</li> <li>• Discussions</li> <li>• Team work in small group</li> </ul>	<ul style="list-style-type: none"> <li>• Individual assignment #2 on changing learning environment</li> </ul>
<b>Day 3</b> 20.03.2019 15 <sup>00</sup> -17 <sup>00</sup> UCOM	<ul style="list-style-type: none"> <li>• Learning Management Systems</li> <li>• Deal with an e-learning platform</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture/Presentation</li> <li>• Discussions</li> <li>• Team work in small groups</li> <li>• Case studies</li> </ul>	<ul style="list-style-type: none"> <li>• Individual assignment #3 on Learning Management Systems</li> </ul>
<b>Day 4</b> 25.03.2019 15 <sup>00</sup> -17 <sup>00</sup> UCOM	<ul style="list-style-type: none"> <li>• Online learning material production</li> <li>• Online-portfolios and its application</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture/Presentation</li> <li>• Discussions</li> <li>• Team work in small groups</li> <li>• Case studies</li> </ul>	<ul style="list-style-type: none"> <li>• Individual assignment #4 on production of online learning material</li> </ul>
<b>Day 5</b> 27.03.2019 15 <sup>00</sup> -17 <sup>00</sup> UCOM	<ul style="list-style-type: none"> <li>• Project Based Learning</li> <li>• Online tools to support Project Based Learning</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture//Presentation</li> <li>• Discussions</li> <li>• Team work in small groups</li> </ul>	<ul style="list-style-type: none"> <li>• Individual assignment #5 on exploring the tools for applying in projects</li> </ul>