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## Teacher Training (TT) Course Syllabus

<b>Institution Name</b>	<b>Yerevan State University (YSU)</b>
<b>TT Course Title</b>	<b>“Active Learning and ICT-enhanced teaching: M-learning and gamification”</b>
<b>Instructor(s) Name(s)</b> <b>Faculty and Department Position</b> <b>Email address</b> <b>Phone number</b>	<b>Armen Hovhannisyan</b> Faculty of Mining and Metallurgy, Head of chair of “Mining and Environmental Protection”, Doctor of Sciences (Engineering), Professor <a href="mailto:hovarmen1961@gmail.com">hovarmen1961@gmail.com</a> (+374 93) 55-14-01
<b>Meeting Dates &amp; Times</b> <b>Place/Room(s)</b>	12.03.2019, 14.03.2019, 19.03.2019, 21.03.2019, 26.03.2019 15 <sup>00</sup> -17 <sup>00</sup> <b>6208</b>
<b>Workload</b>	10 hours presented in 2 hours per day x 5 days of classroom work
<b>Course Purpose</b>	The purpose of the course is to introduce the concept of active learning, the use of different tools in the active learning process, m-learning and gamification, how to design gamified class activities and how to make use of mobile devices in class and outside class to activate students learning.
<b>Learning Outcomes (LOs):</b>	At the end of the training the participants will be able to: - to apply active learning in their educational process; - to plan a gamified learning experience; - to understand the potential and limitations of mobile devices and apply them in the educational process; - to design tasks with different apps for active learning.
<b>Course methodology/ Instructional Strategies</b>	This course combines presentations with video applications. Selected topics will be explored in depth through a combination of formal discussions (both in-class and online), hands-on activities and assignments. Trainees are given time to practice hands-on skills, as these will be utilized in the exercises. Instructional strategies include lecture, discussion, practical application, presentations.
<b>Recommended Texts &amp; Materials</b>	Participants will be provided with lecture materials, as well as references to the websites on topics
<b>Basic Technical/Media Requirements</b>	Tasks will require participants to bring their own smartphones (or tablets) with some storage capacity to be able to download apps
<b>Quality Assurance (QA)</b>	Online feedback survey of trainees

## Course Overview/Outline

Training Days	Key Topics	Learning Activities	Assignments
<b>Day-1</b> 12.03.2019 15 <sup>00</sup> -17 <sup>70</sup> <b>6208</b>	<ul style="list-style-type: none"> <li>• Introduction to active learning</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture, videos</li> <li>• Small group discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Introduce how to apply active learning in their learning process</li> </ul>
<b>Day-2</b> 14.03.2019 15 <sup>00</sup> -17 <sup>70</sup> <b>6208</b>	<ul style="list-style-type: none"> <li>• sli.do, Poll Everywhere interaction tools and their application in the active learning process</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Small group discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Individual work with sli.do, Poll Everywhere tools and their application in their educational process</li> </ul>
<b>Day-3</b> 19.03.2019 15 <sup>00</sup> -17 <sup>70</sup> <b>6208</b>	<ul style="list-style-type: none"> <li>• Mentimeter online evaluation tool, digital infographics in active learning process</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Small group discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Individual work with Mentimeter Instrument and Digital Infographics</li> </ul>
<b>Day-4</b> 21.03.2019 15 <sup>00</sup> -17 <sup>70</sup> <b>6208</b>	<ul style="list-style-type: none"> <li>• Gamification, basic concepts, gamification elements. Kahoot as a tool of gamification</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Small group discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Plan a gamified teaching intervention collaboratively</li> </ul>
<b>Day-5</b> 26.03.2019 15 <sup>00</sup> -17 <sup>70</sup> <b>6208</b>	<ul style="list-style-type: none"> <li>• Mobile learning, basic concepts, application of Adobe Spark Video</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Small group discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Individual work with Adobe Spark Video</li> </ul>