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Teacher Training (TT) Course Syllabus

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| Institution Name | National Polytechnic University of Armenia (NPUA) |
| TT Course Title | Blended Learning and Teaching |
| Instructor(s) Name(s) Faculty and Department Position Email address Phone number | Kristina Khudaverdyan IICTE Institute, Department of “Information Security and Software Engineering” kkhudaverdyan@gmail.com (+374 91) 354-353 |
| Meeting Dates & Times Place/Room(s) | 12.03.2019, 14.03.2019, 19.03.2019, 21.03.2019, 26.03.2019 15 ⁰⁰ -17 ⁰⁰ 5104 |
| Workload | 10 hours presented in 2 hours per day x 5 days of classroom work |
| Course Purpose | 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. |
| Learning Outcomes (LOs): | At the end of this course, the trainees will be able to: <ul style="list-style-type: none"> • Gain experience in online environment organizing lectures, practical and laboratory work. • 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 • Develop students’ skills in learning by using innovative methods • Provide qualitative changes of relationships and interactions between teacher and student • Involve students in the creative process, increase their involvement |

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

Course Overview/Outline

| Training Days | Key Topics | Learning Activities | Assignments |
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| <p>Day-1 12.03.2019 15⁰⁰-17⁰⁰</p> | <ul style="list-style-type: none"> • Introduction to Blended Learning and Teaching • Distance Learning and its | <ul style="list-style-type: none"> • Lecture/Presentation • Discussions | <ul style="list-style-type: none"> • Individual assignment #1 on formulating |

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| 5104 | application | <ul style="list-style-type: none"> • Define small groups • Case studies | learning objectives |
| Day-2 14.03.2019 15 ⁰⁰ -17 ⁰⁰ 5104 | <ul style="list-style-type: none"> • E-moderating • Learning approaches • The reflective practitioner/teacher | <ul style="list-style-type: none"> • Lecture/Presentation • Discussions • Team work in small group | <ul style="list-style-type: none"> • Individual assignment #2 on changing learning environment |
| Day-3 19.03.2019 15 ⁰⁰ -17 ⁰⁰ 5104 | <ul style="list-style-type: none"> • Learning Management Systems • Deal with an e-learning platform | <ul style="list-style-type: none"> • Lecture/Presentation • Discussions • Team work in small groups • Case studies | <ul style="list-style-type: none"> • Individual assignment #3 on Learning Management Systems |
| Day-4 21.03.2019 15 ⁰⁰ -17 ⁰⁰ 5104 | <ul style="list-style-type: none"> • Online learning material production • Online-portfolios and its application | <ul style="list-style-type: none"> • Lecture/Presentation • Discussions • Team work in small groups • Case studies | <ul style="list-style-type: none"> • Individual assignment #4 on production of online learning material |
| Day-5 26.03.2019 15 ⁰⁰ -17 ⁰⁰ 5104 | <ul style="list-style-type: none"> • Project Based Learning • Online tools to support Project Based Learning | <ul style="list-style-type: none"> • Lecture//Presentation • Discussions • Team work in small groups | <ul style="list-style-type: none"> • Individual assignment #5 on exploring the tools for applying in projects |