Curriculum Development Workshop, Workshop on ICT-pedagogy Integration, and Others
I. **Overall goal:** To provide the necessary guidance to a country or institutions to define and review, update existing or develop new training courses on ICT-integration for pre-service teachers.

II. **Objectives**

- Help **TEIs** identify priority of curriculum improvement and review current training course on ICT in education
- Build capacities of **curriculum developers** in developing new training courses on ICT-pedagogy integration
- Build capacities of **teacher educators** in understanding and providing newly-developed training courses
Framework of Training Course on ICT in Education for Pre-service Teachers

ICT for pedagogical Innovation
- Using ICT to manage learning process & collaboration
- Designing ICT tools; Simulations; Virtual Lab

ICT Integration in Pedagogy
- Use ICT for lesson planning; Presentation tools & interactive board; Use of multimedia tool for teaching

ICT for pedagogical Innovation
- Autonomous Professional Learning Skills
- LMS
- ICT-based Subject Specific Pedagogical Skills (Conception Learning; Organization of ideas; tele collaboration)
- Specific learning tools; Mind Mapping Web 2.0; WebQuest

ICT Integration in Pedagogy
- ICT-based Generic Pedagogical Skills (Content creation, Presentation, information searching)
- Authoring tools Multimedia tools

ICT for pedagogical Innovation
- Enhancing Existing Teaching & Learning
- Productivity Tools; Internet

ICT Integration in Pedagogy
- Pedagogy
- Professional Competencies
- Technology

Learning
- Teachers experience good pedagogy as students
- Enhancing Existing Teaching & Learning
- Productivity Tools; Internet

ICT Integration in Pedagogy
- Learning about good pedagogy as students
- Enhancing Existing Teaching & Learning
- Productivity Tools; Internet

ICT Integration in Pedagogy
- Enhancing Existing Teaching & Learning
- Productivity Tools; Internet
- Learning about good pedagogy as students
# Draft Agenda of Five-Day Curriculum Development Workshop

<table>
<thead>
<tr>
<th>Morning session</th>
<th>Afternoon session</th>
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<tbody>
<tr>
<td><strong>Day 1</strong></td>
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<tr>
<td>Goals of the curriculum</td>
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<tr>
<td>- Vision of the 21(^{st}) Century Skills</td>
<td>Mapping out the Framework</td>
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<td>- Four Stages of ICT-based Learning</td>
<td>- Baseline assessment from the country</td>
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<td>- Illuminate direction – curricular examples from other countries (Korea, China, Thailand)</td>
<td>- Understand the limits of technology that you want to reach (Knowing the cost and added value)</td>
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<td>- Identification of gaps and decision of actions from the “menu”</td>
<td>- Diagnostic study on local framework</td>
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<td><strong>Day 2</strong></td>
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<tr>
<td>Introduction to suggested content modules based on stage I-IV</td>
<td>Identify content focuses based on situational analysis, design the course structures for 1 course with units</td>
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<td><strong>Day 3</strong></td>
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<td>Take one unit as an example for training on curriculum development: Objectives, content, suggested teaching and learning process; suggested assessment</td>
<td>Group work of participants to design other units (break-up sessions)</td>
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<td><strong>Day 4</strong></td>
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<td>Group reports</td>
<td>Review and suggestions</td>
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<td><strong>Day 5</strong></td>
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<tr>
<td>Revision</td>
<td>Action planning</td>
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Resources required

I. Course package
- Activities/ Projects/ Tasks/ Essential Questions
- Lesson plan samples + templates
- E-portfolio (online) + rubrics (Formative assessment)
- Examples of performance-based assessment (test items + rubrics) (Summative assessment)

II. Course design template – Step-by-step guidance on course / unit design and writing: Needs analysis → Course objectives → Content structure → Suggested teaching & learning process (pedagogy) → Suggested assessment

III. Case studies from various countries
Workshop on ICT-pedagogy Integration

- 5-day separate workshop or embedded in curriculum development workshop
- Regional Guideline and ICT Competency-Based Standard for Teachers
- ICT-Pedagogy Integration for Teacher Educators: Content Framework & Methodology – ICE Cream Cone Model
- Effective Training Strategy on ICT-Pedagogy Integration: Pedagogical Principles and Practical Showcases
- Hands-on practices of ICT-based unit/lesson design
- Software, webtools, and multimedia for educators
Curriculum Circuit

Curriculum Development (Localization, New or Updating)

- Assessment & Evaluation
- Initial Capacity Building (ICT-pedagogy)
- Provision of New Courses (Innovative Practice)
- Continuous Professional Development (Peer Coaching)
Promethean ActivClassroom ICT equipment for selected TEIs to pilot test and research pedagogical impact of interactive learning technologies on teaching and learning. Details of Promethean ActivClassroom is available at www.prometheanworld.com.

Training courses for the five TEIs will be provided in English (Face-to-face and/or online)

All teachers will also be able to join the community - Promethean Planet at www.prometheanplanet.com.
Thank you

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