Professional Certificate in eLearning Paradigms:
Build Multimedia Material

1.   COURSE DESCRIPTION

Content for learning and training can range from simple use of text-only pages to sophisticated use of multimedia elements including audio, video, animation and simulation. In the past, development tools for learning content were costly, difficult to learn and master. In today's context, the tools are generally user-friendly, template-driven and low cost. Anyone can tap into a range of free Open Source and limited licenses that offer a rich set of tools to develop rich media learning resources. This hands-on workshop will walk you through a common set free Open Source tools and cloud-based limited license tools to develop rich media learning resources.

No programming of computer languages is required. All you need is a good working experience of Microsoft Office tools (Word and PowerPoint).

2.   STUDENT LEARNING OBJECTIVES/ OUTCOMES

At the end of this workshop, participants will be able to:

a. Use Open Source tools
b. Record and edit audio recordings
c. Edit photos and images
d. Create simple scripted animated videos
e. Build e-quizzes for self assessment
f. Assemble all resources into a learning object

3.   TARGET AUDIENCE

This workshop empowers individuals interested in building rich media learning and training resources, including:

- **Educators**:
    Trainers, coaches, facilitators, educators, media developers

- **Training Managers**:
    e-learning specialists, developers, programme managers, training managers

- **Human Resource Developers**:
    Learning & development managers, consultants

4. TECHNICAL REQUIREMENT

Participants are required to bring a computer notebook with WiFi connectivity and have the following operating system and functions in the notebook:

Windows XP or 7 operating system
Administrator's rights to install applications

Note: WiFi access to the Internet is provided at the training site.

5. LESSON PLAN

Day 1

Duration	Topics
2 hrs	• Rich Media types – audio, video, image, 2D-animation
1 hr	• Tools for creating rich media
1.5 hrs	• Text-to-speech creation - Text-to-speech engines
1.5 hrs	• Audio recording/editing - Audacity application
2 hrs	• Photo image editing - Google Picasa Canva

Day 2

Duration	Topics
2 hrs	• Screen capture recording - Screencast-o-matic online application
2 hrs	• Video recording with Smartphone • Editing of rich media • Publish Video to MP4 format
2 hrs	• Video editing and publishing - WeVideo online application
2 hrs	• Publish video to MP4 format on social media - WeVideo online application • Publish video to Youtube

Course duration: (2 Days) 16 hours

6. FACILITATOR

Dr Soo Wai Man has more than two decades of teaching and instructional development experiences. He had served at two local polytechnics, SIM University, Singapore Management University, Citigroup, and as Deputy Director, Institute for Adult Learning, where he introduced blended e-learning into WSQ courses, conducted workshops on e-learning design and development.

Wai Man actively conducts continuing education and learning workshops with the Adult Education Network, Singapore. His highly rated workshops cover the entire spectrum of e-learning design, development and implementation. He is a certified Adult Educator Professional, a credential of the Institute for Adult Learning.

Education

- Ph.D. (Instructional Design and Development), NTU-NIE (2003)
- M.Ed. (Educational Studies), Sheffield University, U.K. (1996).
- M.A. (Computer Education), United States International University, San Diego, California, U.S.A. (1991).
- Higher National Diploma (Electronics), Southampton College of Higher Education, U.K. (1984).
- WSQ Certificate in Training and Assessment
- WSQ Diploma in Adult and Continuing Education