

e-Learning

Teaching and Learning Excellence for Online Education



***King Saud bin Abdulaziz University
for Health Sciences***

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DR. BADRUL HUDA KHAN

<http://www.BadrulKhan.com/>

McWeadon Education, USA



McWeadon

Enabling Learning Without Boundries

CERTIFICATE OF PARTICIPATION

This is to certify that _____

participated in the Professional Development Workshop in *E-Learning* held at **King Saud bin Abdulaziz University for Health Sciences**.

Session Name	Attended
1. Meaningful E-Learning	
2. Blended E-Learning	
3. Role of Technology in E-Learning	
4. Evaluating E-Learning	

Dr. Badrul Huda Khan

Date:

ABOUT THE FACILITATOR



Dr. Badrul Huda Khan

is a world-renowned speaker, author, educator and consultant in the field of ICT and e-learning. Professor Khan has the credit of first coining the phrase Web-based instruction and popularizing the concept through his 1997 best-selling *Web-Based Instruction* book which paved the way for the new field of e-learning.

Dr. Khan authored several books and over 100 papers in the field of e-learning distance learning, training, e-learning, information technology and delivered keynote speeches in more than 55 international e-learning, training and education conferences.

His books include: *Web-Based Instruction* (1997), *Web-Based Training* (2001) *Managing E-Learning* (2005), *E-Learning QUICK Checklist* (2005), *Flexible Learning in an Information Age* (2007). He is currently working on the following three books: *Learning on Demand: ADL and Future of e-Learning*, *User Interface Design for Virtual Environments: Challenges and Advances* and *E-Learning Evaluation*.

His *Managing E-Learning* book translated into 14 languages. He is the founder of McWendon Education (a professional development institution). He previously served as the founding Director of the Educational Technology Leadership (ETL) graduate cohort program at The George Washington University, and the founding Director of the Educational Technology (ET) graduate program at the University of Texas, Brownsville. Dr. Khan has served as a consultant to learning development and human resource development projects at: (a) the World Bank, (b) the US Federal Government (c) the Asian Development Bank, and (d) various academic institutions and corporations in the U.S. and throughout the world. His personal Website <http://BadrulKhan.com/>

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Preface

E-learning, with increasingly enhanced by the availability of newer emerging information and communication technologies (ICTs), is growing globally. The prevalence of e-learning practices have been far more visible in some western countries, however, other nations are not lagging behind. Almost all nations are increasing incorporating ICTs in their national agenda for efficiency in information and knowledge sharing in education, governance, commerce, health, agriculture, and other sectors. Newer educational policies are being formulated in various communities worldwide to enable educational institutions to come to terms with new learning technologies. One of the emerging issues at institutions of higher learning in the world is e-learning and the use of Information and Communication Technology (ICT) tools to deliver educational resources.

E-learning is becoming more and more accepted in workplace. Institutions are investing heavily in the development and deployment of online programs. Academic institutions, corporations, and government agencies worldwide are increasingly using the Internet and digital technologies to deliver instruction and training. At all levels of these institutions, individuals are being encouraged to participate in online learning activities.

The Ministry of Higher Education in Saudi Arabia has been instrumental in meaningfully implementing e-learning into the instructional and learning processes in higher education in the Kingdom. With invitations from the ministry, I have been involved in several e-learning initiatives, including; conducting a series of workshops on e-learning at the King Fahd University of Petroleum & Minerals in 2004, developing a 2006 report entitled *Analysis of Educational Technology in American Higher Education* for the AAFAQ project - A Future Plan for University Education in the Kingdom, and delivering a keynote address entitled *Regulations of Distance Education in Saudi Higher Education* in 2007 (via satellite from Alexandria, Virginia, USA) for participants at several university campuses in Saudi Arabia, and conducting a series workshops for faculty members in e-learning at the Umm Al-Qura University in 2009. In addition, I delivered a keynote and conducted a workshop on e-learning at the Saudi Aramco in 2004. I am honored to be part of various e-learning initiatives in Saudi Arabia, and looking forward to getting involved in more creative e-learning projects in the Kingdom. I am also honored to be invited at King Saud bin Abdulaziz University to conduct e-learning workshops. I would like to thank Dr. Majid Al-Tuwaijri for organizing this workshop.

The purpose of this compendium of workshop materials is to help the workshop participants enhance their understanding of the requirements for successful e-learning and blended learning environments. The workshop focuses on critical issues of e-learning and blended learning pedagogies, technologies and implementing strategies with following major themes: Introduction to e-learning, blended learning, implementing e-learning & blended learning, role of technology in learning, comprehensive evaluation in e-learning & blended learning.

Please note that materials included in this compendium are by no means exhaustive. These materials should help you understand the critical issues of e-learning and blended-learning. Since the field of e-learning is constantly emerging, I encourage you to continue reviewing more authentic, relevant and meaningful prescriptive and descriptive articles and resources to gain more knowledge in the area.

[Badrul Huda Khan](http://www.BadrulKhan.com), Ph.D., <http://www.BadrulKhan.com>

Introduction to e-Learning

What is e-learning?

Why e-learning?

Open and distributed e-learning Environment

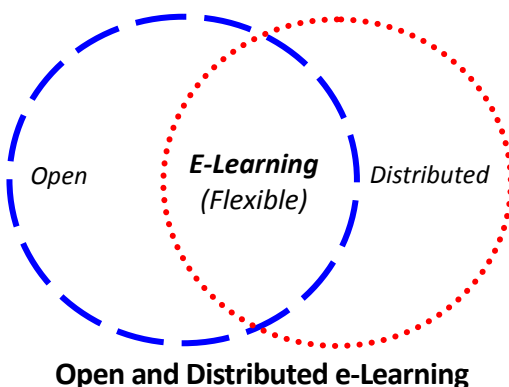
Traditional classroom instruction and e-learning

Learner-focused e-learning system

The instructor's role in the online learning environment

Student's role in the online learning environment

A Framework for E-Learning: How to create meaningful e-learning



PowerPoint Presentation



Meaningful E-Learning

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Appendix N: Chin, K. & Kon, P. (2003). Key factors for a fully online e-learning mode: a delphi study.

Useful Link:

Evolve's Faculty Development Model

https://evolve.elsevier.com/staticPages/i_fd_theory_model.html

Blended Learning

What is blended-learning?

Why blended-learning?

Components of blended Learning

Advantages and disadvantages of blended learning components

Examples of a blended learning course

Role of individual faculty

Role of departments and colleges

Role of the entire institution

Implementing e-Learning & Blended Learning

E-Learning instructional design process for course development

Stages of e-learning instructional design

- Planning
- Design
- Production
- Evaluation
- Delivery and Maintenance
- Instruction stage
- Marketing

Roles and responsibilities of individuals involved in e-learning

Products of e-learning development

PowerPoint Presentation



Blended eLearning: Instructional Design Process

Reference Materials

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Appendix C: Khan, B. H. (2004, September-October). People, process and product continuum in e-learning: The e-learning P3 model. *Educational Technology*. Vol.44, No. 5. pp. 33-40.

Appendix D: People-Process-Product Continuum: Instructional Design Making Effective E-learning (Pages 14-16).

WORKSHOP 3

Role of Technology in Learning

Technology infrastructure

Learning management systems (LMSs)

Online pedagogy (instructional strategies)

Technical and instructional effectiveness of emerging technologies in learning

Web 2.0 tools and other latest technology

- Blogs
- Microblogs
- Podcasting
- Wikis
- Virtual Worlds
- Social Networking

PowerPoint Presentation



Technology in Learning

Reference Materials

Appendix E: Role of Technology in Blended e-Learning

Appendix F: Social Networking Tools Value and Use Framework

Appendix G: 7 Things You Should Know About Podcasting

Appendix H: The Guide to Starting Your Own Podcast

Comprehensive Evaluation in e-Learning & Blended Learning

Assessment of learners

Evaluation of blended e-learning environment: instructor and other support services

Evaluation of blended e-learning at the program & institutional levels

Evaluation of blended e-learning content development process

PowerPoint Presentation



Evaluation in Blended-Learning

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Appendix J: Comprehensive Approach to Program Evaluation in Open and Distributed Learning (CAPEODL Model)

Appendix K: On-line Assessment

Appendix L: Online Learning Assessment

Appendix M: Blended Learning Evaluation

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Appendix E: *Role of Technology in Blended e-Learning*

Appendix F: *Social Networking Tools Value and Use Framework*

Appendix G: *7 Things You Should Know About Podcasting*

Appendix H: *The Guide to Starting Your Own Podcast*

Appendix I: Berlin Fang. (2007). A Performance-Based Development Model for Online Faculty. *Performance Improvement*, 46(5), 17-24

Appendix J: *Comprehensive Approach to Program Evaluation in Open and Distributed Learning (CAPEODL Model)*

Appendix K: *On-line Assessment*

Appendix L: *Online Learning Assessment*

Appendix M: *Blended Learning Evaluation*

Appendix N: Chin, K. & Kon, P. (2003). Key factors for a fully online e-learning mode: a delphi study. In G.Crisp, D.Thiele, I.Scholten, S.Barker and J.Baron (Eds), *Interact, Integrate, Impact: Proceedings of the 20th Annual Conference of the Australasian Society for Computers in Learning in Tertiary Education*. Adelaide, 7-10 December 2003.

