

# The Future of Education

# m-Learning Manager Training Program

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# m-Learning



- The m-learning is emerging as a new sector in education and training provision, side by side with face-to-face education, distance education and e-learning. For the first time in the history of the use of technology in education and training, there is a technology that will cost the learners nothing, because they own the technology to be used.

# m-Learning



- The new mobile learning arena imposes significant new design requirements for training programs - the ways they are structured and maintained. The quality assurance should be an integral part of the management of m-learning providing institutions.

# m-Learning Manager



- Our study shows that managerial level in the field will act as premise and stimulus for development of job-roles in the design and development levels.
- m-Learning Manager is a manager but should know about specifics of mLearning pedagogy, mLearning technology and mLearning application development.

# m-Learning Manager



- mLearning Manager is not a developer, or teacher – he or she has to organize and manage mLearning design, development, evaluation and implementation into his, or her, organization.
- In this light he or she needs to get a picture of development and teaching processes of mLearning.
- mLearning Manager should be aware of the benefits and potential of mLearning, staff needed for mLearning development, resources and organization.

# The training program...



- This paper presents the training program for an emerging profession - m-Learning Manager. The multimedia learning resources are presented in the form of task for performance in four languages (english, bulgarian, italian, german).

# The training program...



- The training program is the one of the main objectives of the m-Learning Manager project <http://mleman.dipseil.net> .
- mLeMan answers to the need of establishing European level standardization of the quality assurance framework of m-learning management and thus lays down a foundation stone for the profession of m-learning manager.

# Performance-centered approach



- The teaching in the training program is Internet-based and performed in the DIPSEIL system.

<http://www.dipseil.net/>

- The instructional design of the DIPSEIL courses was based on the principles of performance support system (PSS).

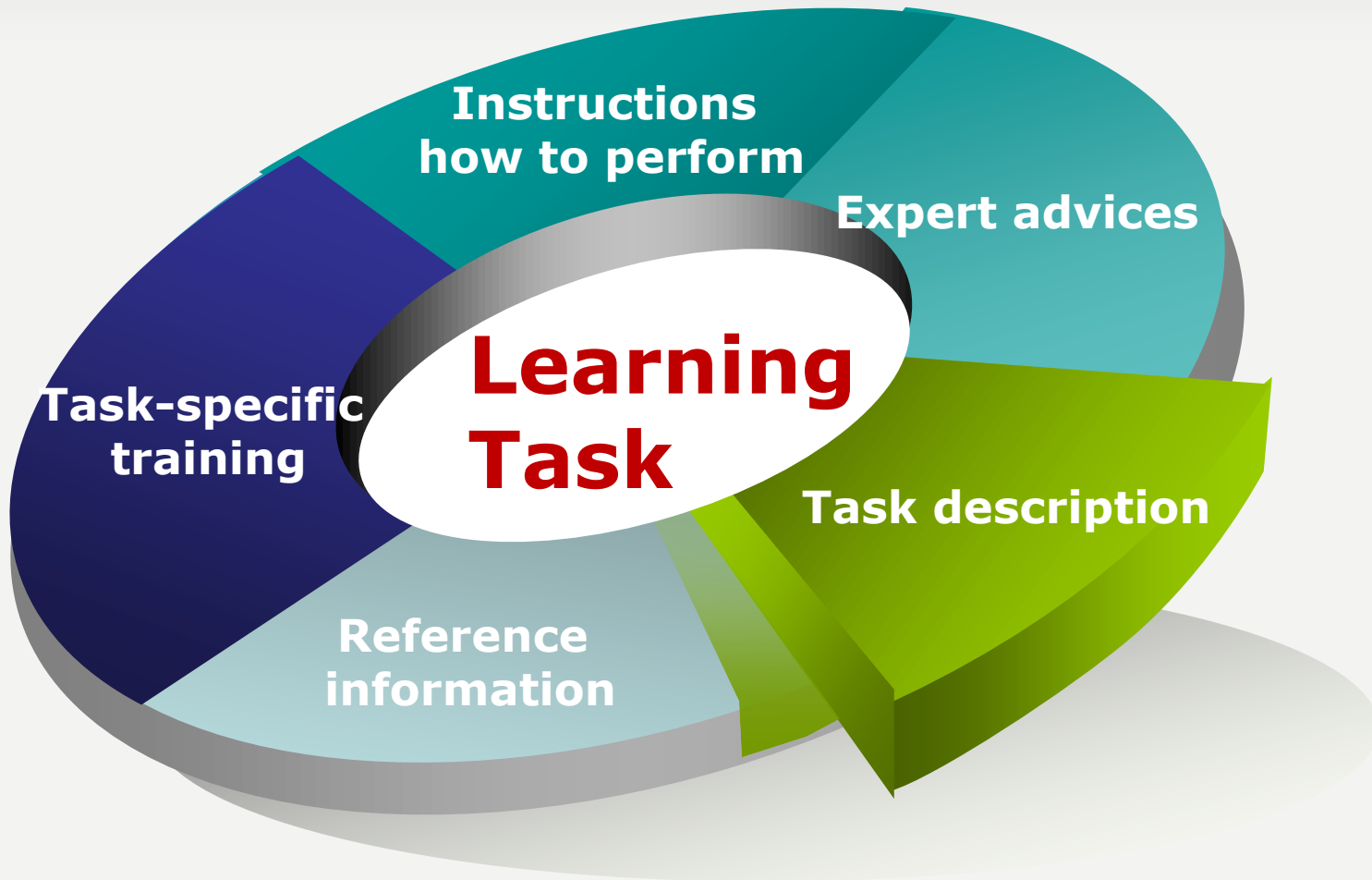


# The structure of DIPSEIL



- The structure of DIPSEIL system has: courses, containing modules, containing tasks. Students can obtain modules contents into the learning task. As in modules design, all the tasks are designed in the same format.

# Each task consists of:



# The training program - **DIPSEIL solution**



- DIPSEIL contains all the information necessary to pass successfully the m-Learning Manager exams, needed for obtaining a certificate. m-Learning managers must obtain knowledge about best practices in the following areas:
  - Pedagogical Aspects of mLearning
  - Mobile Learning Tools and Technologies
  - mLearning Management.

# Structure of the Courses



1

Modul1: Mobile learning characteristics and design principles

Modul2: Devices and Content

Modul3: Learning theories & approaches in mLearning

**Course1:**  
**Pedagogical Aspects of mLearning**

2

Module1: mLearning Content Development – main concepts

Module2: Technological Layers in mLearning

**Course2:**  
**Mobile Learning Tools and Technologies**

3

Module1: Needs analysis

Module2: Innovation and Business Management

**Course3:**  
**mLearning Management**

# Task specific training screen for Task1 from Module “Devices and Content”



DIPSEIL ©

env.dipseil.net/v3/rem\_server/stud/view\_task.php?id=409&email=VDJSNU93QUVzWkGRjVhNXNqQXQ5NHhJWVE2YkZrY0ZyZVJYU1hINFIST0%3D

Logged in as Silvia [Exit](#)

Back to courses

## Task "Task 1"

**Task description**

**Task-specific training**

**First Question:**

When you are getting started with mobile learning one of the decision you'll have to make is which device(s) to target.

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Additional documents:

Document1 - Micro...

DIPSEIL © - Google ...

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# Instructions how to perform screen for Task1 from Module “Devices and Content”



DIPSEIL ©

env.dipseil.net/v3/rem\_server/stud/view\_task.php?id=409&email=VDJSNU93QUVzWkJGRjVhNXNqQXQ5NHhJWVE2YkZrY0ZyZVJYU1hINFIST0%3D

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Task "Task 1"

**Task description**


**Task-specific training**

**Reference Information**

**Instructions how to perform**

**Comparison template**  
List of 'Highly Recommended ' or List of 'Minimum Recommended'

DEVICE	REASON TO BE IN THIS LIST
<ul style="list-style-type: none"><li>• Name<ul style="list-style-type: none"><li>• Modification<ul style="list-style-type: none"><li>• Parameters<ul style="list-style-type: none"><li>• Technical specifications</li><li>• Functionality</li></ul></li></ul></li></ul></li></ul>	<ul style="list-style-type: none"><li>• Highly versatile/powerful smartphone &amp; media player,<ul style="list-style-type: none"><li>• SMS campaigns + animated PowerPoint content.</li><li>• Professional</li></ul></li></ul>



02:42 / 07:50

Document1 - Micro... DIPSEIL © - Google ... BG 13:48

# The training program - mLearning solution



- The courses from the training program are developed according to the principles of mobile learning performance support system.
- mDIPSEIL is the mobile version of the DIPSEIL system. mDIPSEIL is closely integrated with DIPSEIL.



# Task specific training screens for Task1 from Module “Devices and Content”



## First Question:

- When you are getting started with mobile learning one of the decision you'll have to make is **which device(s) to target.**



## iPOD

- Has audio or video output, some form of control (e.g. the clickwheel), and typically a screen.





# Instructions how to perform screen for Task1 from Module “Devices and Content“



# Conclusion



- To become an ECQA Certified m-learning Manager and to be listed within the pool of experts (available at [www.ecqa.org](http://www.ecqa.org) ), participants have to take an exam.
- DIPSEIL will contain all the information needed to pass successfully the m-Learning Manager exams, needed for obtaining a certificate. Capability Adviser will successfully point out, which fields the user lacks knowledge of, and thus should learn better.

# Conclusion



- The exam is done electronically, using a central exam pool of multiple choice questions.
- Participants, who pass the ECQA exam for the certified m-learning Manager successfully, will be able to justify their skills with a Europe-wide, market recognised certificate. This certificate will prove their skills and will serve as a reference for employment or for providing services on the market.