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# E-Learning: overview

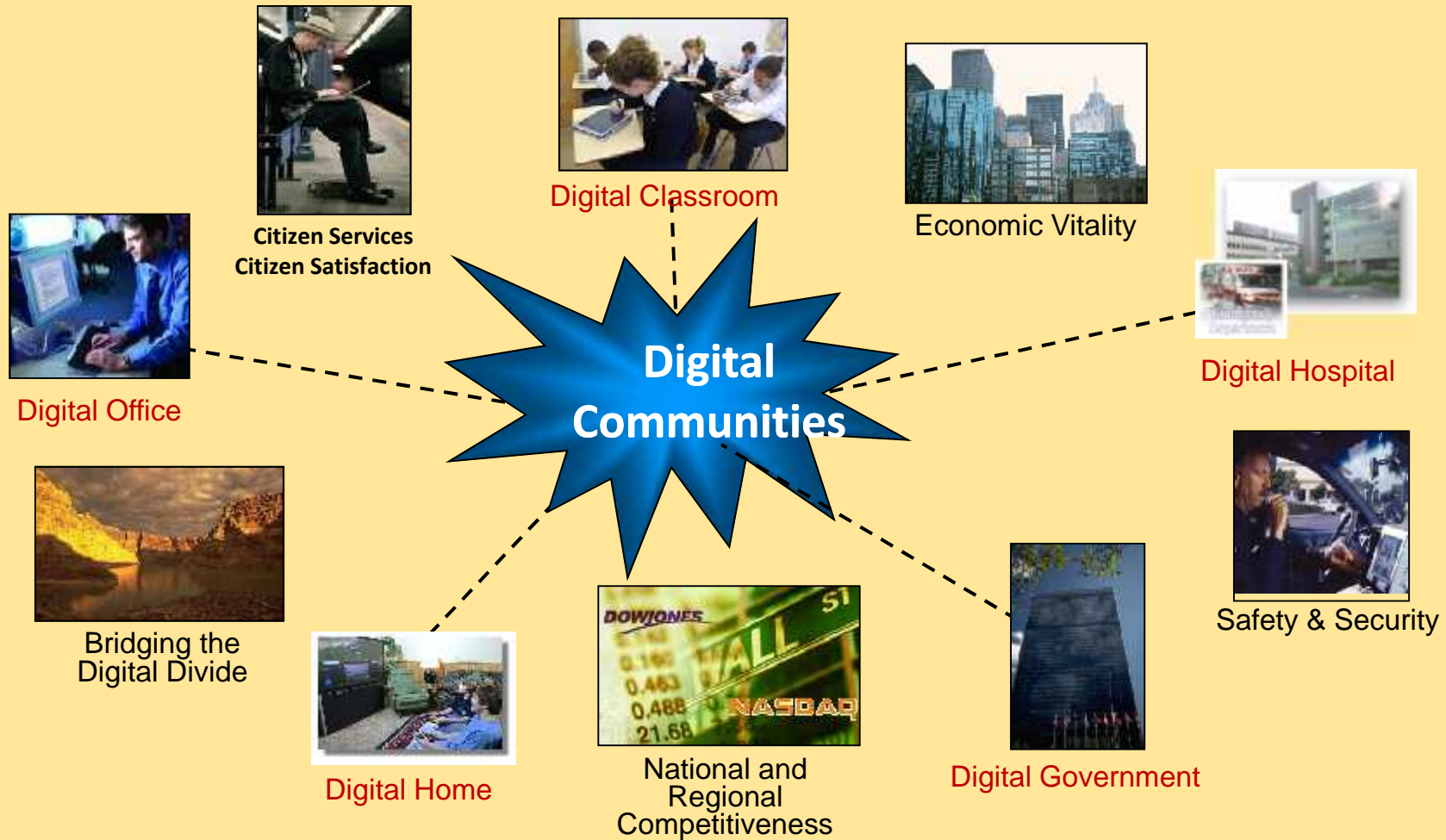
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elearning Workshop March 20 - March 22, 2017 Peja



Oficina de Gestión de Proyectos  
de la Universidad de Alicante.

# The emerging digital society



# E-Learning:overview

- E-Learning is the use of Electronic Media and ICT in Education
- E-learning as an **educational approach** or tool that supports traditional subjects;
- E-learning is a **technological medium** that assists in the communication of knowledge, and its development and exchange;
- E-learning can be an **educational subject**; such courses may be called "Computer Studies" or "Information and Communication Technology (ICT)";
- E-learning **administrative tools** such as education management information systems (EMIS).

# Synonyms

multimedia learning

technology-enhanced learning (TEL)

computer-based instruction (CBI)

computer-based training (CBT)

computer-assisted instruction or computer-aided instruction (CAI)

internet-based training (IBT)

# More synonyms...

web-based training (WBT)

online education

virtual education

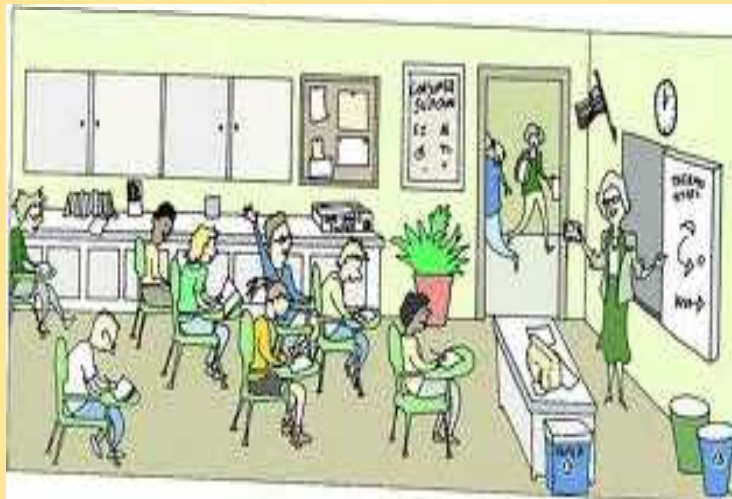
virtual learning environments (VLE) (which are also called learning platforms)

m-learning, and digital educational collaboration. These alternative names emphasize a particular aspect, component or delivery method.

# Elearning: overview

## WHERE?

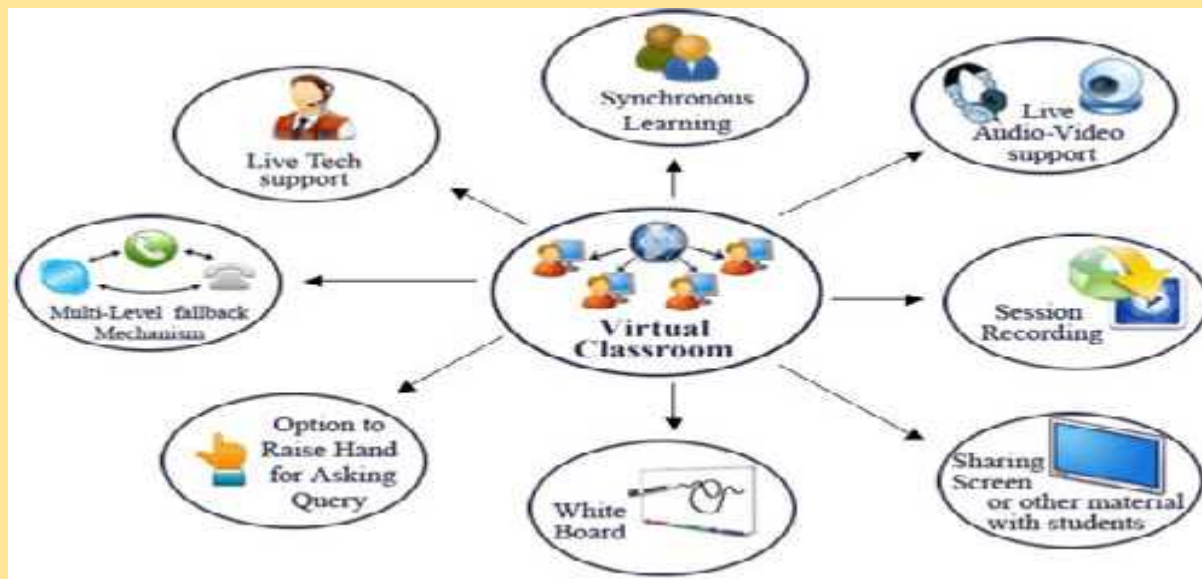
E-learning can occur in the classroom...



# Elearning: overview

## WHERE?

...Or out of the classroom



# Elearning: overview

## HOW?

It can be self-paced, asynchronous learning ...

...or may be instructor-led, synchronous learning.

E-learning is suited to distance learning and flexible learning, but...

it can also be used in conjunction with face-to-face teaching, in which case the term **blended learning** is commonly used.



# Philosophy

From a pedagogical point of view:

**Education  
philosophy**

**Strategies for learning  
and teaching**

**Electronic  
resources and  
information  
technologies**

# Educational Philosophy

NOT about delivering information

Student centered:

- Shifts the emphasis **from teaching to learning**
- Students are encouraged to become more **active learners**
- Students are encouraged to **apply knowledge** rather than just memorize
- Students become more **self-directed** in the learning experience

## **For Students:**

- new and exciting learning experiences tailored to achieve specific learning objectives
- Students can work at their own pace with the support of online course materials, multimedia resources, CD-ROMs, websites, videos, tapes and print materials.
- ICT creates opportunities for students to collaborate, to work in small groups, to communicate at any time of day from any place they may be, and to reflect on their learning.

## **For teachers and course designers:**

- Access to a wide range of learning resources and delivery methods in a e-learning environment
- Frees lecturers from simply being information providers
- Use their time with students for more creative teaching

# E-Learning Free Software

**Moodle:** originally developed by Martin Dougiamas to help educators create online courses with a focus on interaction and collaborative construction of content, and is in continual evolution.

**Sakai** is a community of academic institutions, commercial organizations and individuals who work together to develop a common Collaboration and Learning Environment (CLE)



Assignments

- [Home](#)
- [Syllabus](#)
- [Announcements](#)
- [Resources](#)
- [Assignments](#)
- [Tests & Quizzes](#)
- [Gradebook](#)
- [Drop Box](#)
- [Chat Room](#)
- [Wiki](#)
- [Section Info](#)
- [Site Info](#)
- [Forums](#)
- [Glossary](#)

Assignment List

Select an assignment to view details, start working or edit your previous work.

Viewing 1 - 2 of 2 items

|< < Show 200 items... > >|

<a href="#">Assignment title</a>	<a href="#">Status</a>	<a href="#">Open</a>	<a href="#">Due</a>
<a href="#">Essay #2</a>	Not Started	Mar 13, 2011 12:00 pm	Apr 23, 2011 5:00 pm
<a href="#">Essay #1</a>	Draft - In progress	Feb 16, 2011 12:00 pm	Mar 23, 2011 5:00 pm

# More Free/Open Source eLearning Software

- **eFront** is designed to assist with the creation of online learning communities while offering various opportunities for collaboration and interaction through an icon-based user interface.
- **Claroline** is a collaborative eLearning and eWorking platform.

# More Free/Open Source eLearning Software

- The **Blackboard Learning System** is a virtual learning environment and course management system developed by Blackboard Inc. It is a Web-based server software which features course management, customizable open architecture, and scalable design that allows integration with student information systems and authentication protocols. It may be installed on local servers or hosted by Blackboard ASP Solutions. Its main purposes are to add online elements to courses traditionally delivered face-to-face and to develop completely online courses with few or no face-to-face meetings



- Course Tools
- Course Content
- Announcements
- Assessments
- Assignments
- Calendar
- Chat
- Discussions
- Goals
- Learning Modules
- Local Content
- Mail
- Media Library
- Roster
- SCORM
- Search
- Syllabus
- Web Links
- Who's Online

Your location: [Home Page](#) > [Elluminate](#)

Sessions Recordings

Enable Tooltips

March 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
01	02	03	04	05	06	07
08	09	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	01	02	03	04

Today | [This Week](#) | [This Month](#) | [This Year](#)

Instructor One logged in as Section Instructor

Sessions for 03/06/2009 00:00 MST to 03/06/2009 23:59 MST  
(session times shown in Mountain Standard Time)

To create a new session [click here](#).

Tools	Time ▲	Session Name	Session Type	Pwd?	Role
	03/06/2009 13:00 MST - 03/06/2009 14:00 MST	Chemistry 101	Public		
	09/06/2009 15:00 MST - 05/29/2009 14:15 MDT	Instructor Virtual Office	Public		
	03/06/2009 15:00 MST - 05/29/2009 14:00 MDT	Study Group 1	Public		
	03/06/2009 15:00 MST - 05/29/2009 14:00 MDT	Study Group 2	Public		

# Moodle: Modular Object-Oriented Dynamic Learning Environment

- Free Software
- Open Source Software
- E-Learning Platform



## **Moodle Typical features:**

- Assignment submission
- Discussion forum
- Files download
- Grading
- Moodle instant messages
- Online calendar
- Online news and announcements
- Online quiz

## **Moodle's capabilities can be extended by creating plugins for specific new functionality**

- Activities (including word and math games)
- Resource types
- Question types (multiple choice, true and false, fill in the blank, etc.)
- Graphical themes

<https://www.youtube.com/watch?v=uQyqpVobDR4>

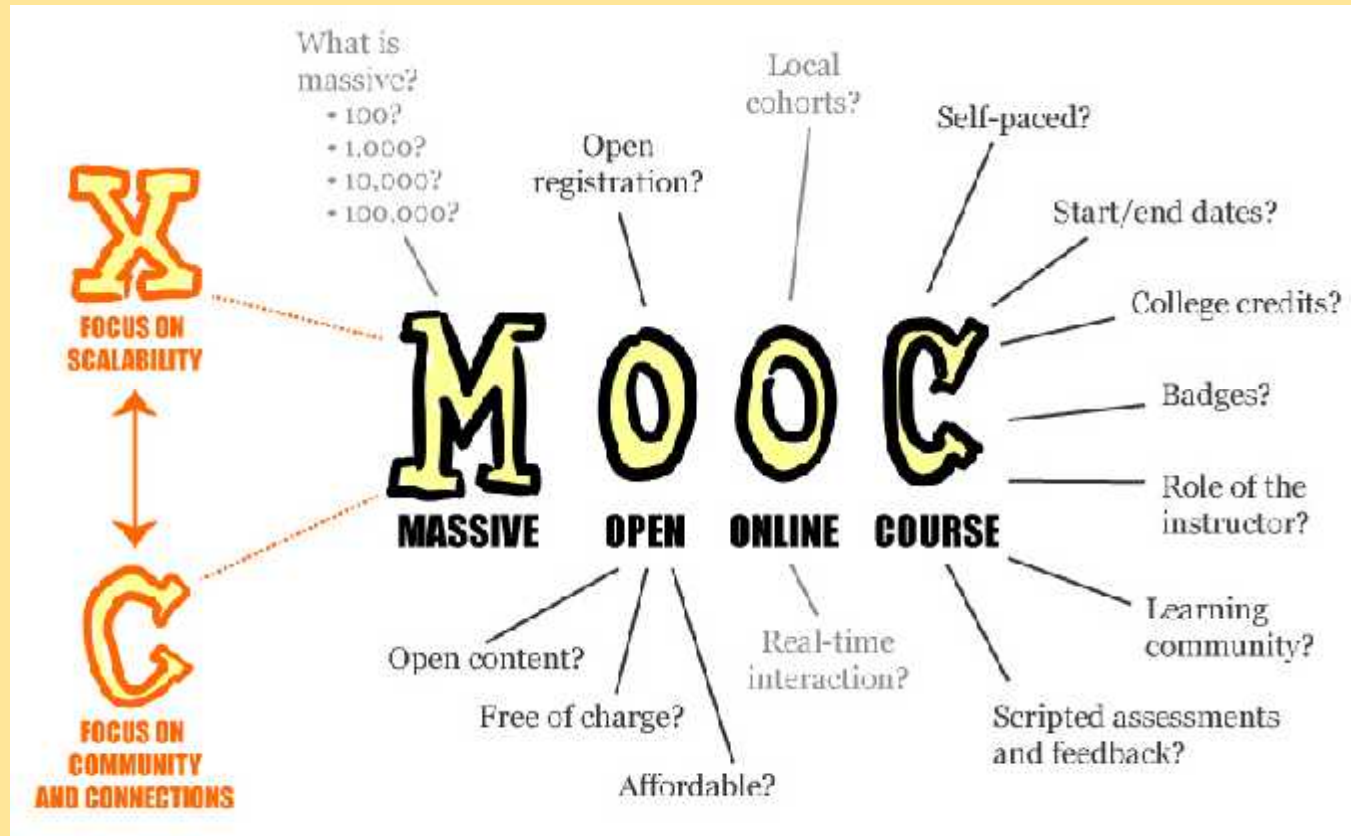
# MOOC

- Massive Open Online Course
  - Online course
  - Unlimited participation
  - Open access via the web
- Early MOOCs:
  - open access features:connectivism and open licensing of content, structure, and learning goals, to promote the reuse and remixing of resources
- Newer MOOCs use closed licenses for their course materials, while maintaining free access for students

# MOOC Platforms

- Courses:
  - Yale, Princeton, Michigan, Penn, UNAM, Universidad Autónoma de Barcelona, TEC Monterrey
- EdX
  - MIT
- Udacity
  - Stanford
- Khan Academy

# MOOC Poster





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<https://www.youtube.com/watch?v=eW3gMGqcZQc>

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**Thank you**

**Questions?**

