

*e-learning*

# What is “E-learning?”

- **Elliott Masie:**
- *“The use of technology to design, deliver, select, administer, support and extend learning.”*
- **E-learning comprises all forms of electronically supported learning and teaching. The term will still most likely be utilized to reference out-of-classroom and in-classroom educational experiences via technology.**
- **The letter ‘e’ in e-learning stands for the word ‘electronic’.**

# E-learning

- **E-learning has developed very fast due to the internet**
- **The internet and the world wide web have provided us with an easy access to information and knowledge**
- **The computer-based instruction has progressed from usage of CD-ROM to the internet then to the web-based instruction (WWW)**



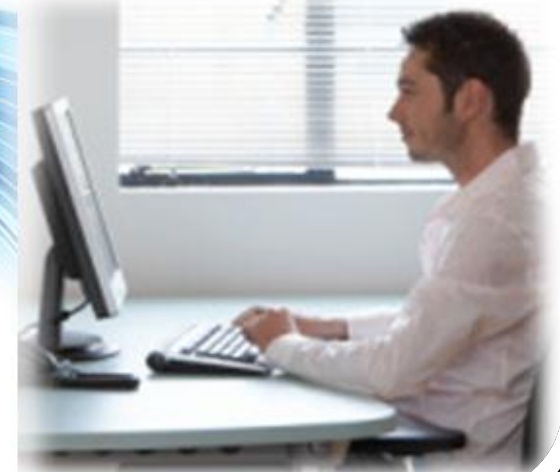
# In an on-line multimedia learning environment:

- Teaching and learning is ‘one-to-one’ (individual).
- More interactivity (in normal classroom it varies with the class size).
- Learner-centred.



# Learner centred

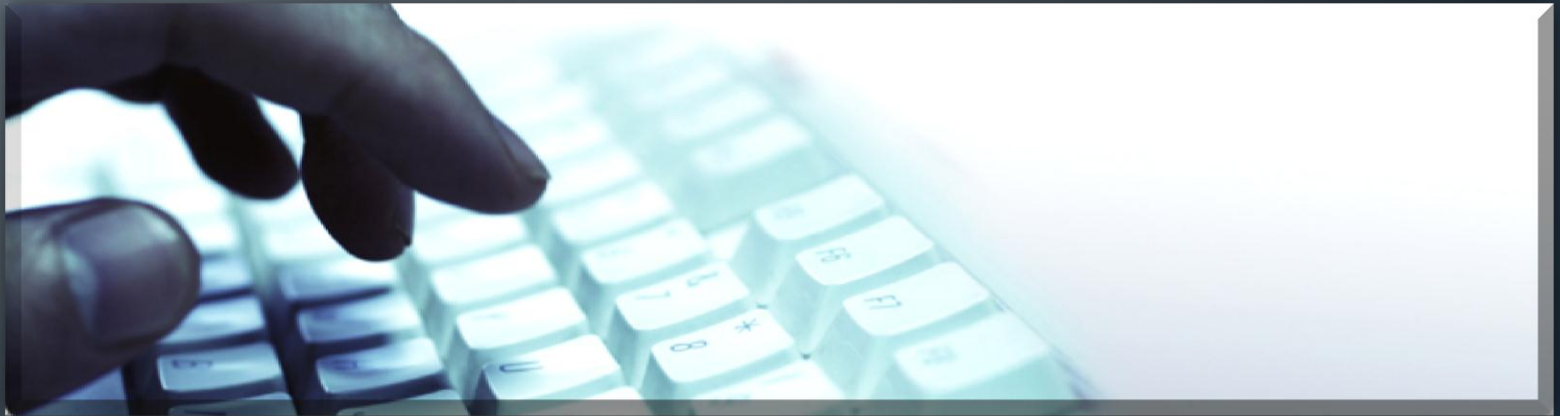
- The instructor adjusts to the student.
- The student is an active partner in the learning process.
- The course is continually renewed through feedback from learners.





# Web-based learning

- Web-based learning is associated with learning materials delivered in a Web browser, including when the materials are packaged on CD-ROM or other media disk.



# Online learning



- **Online learning is associated with content readily accessible on a computer.**
- **The content may be on the Web or the Internet, or simply installed on a CD-ROM or the computer hard disk**

# CONCEPT OF E-LEARNING

- In our rapidly changing world, we find it difficult to overcome the learning challenges and the possible achievements.
- To bridge this gap, concepts such as e-learning, e-teachers, e-teaching have become a part of effective education.



# E-teaching

E-teaching is the appreciation of live teaching with streaming lectures, whiteboards, downloadable slide sets and discussion forum.



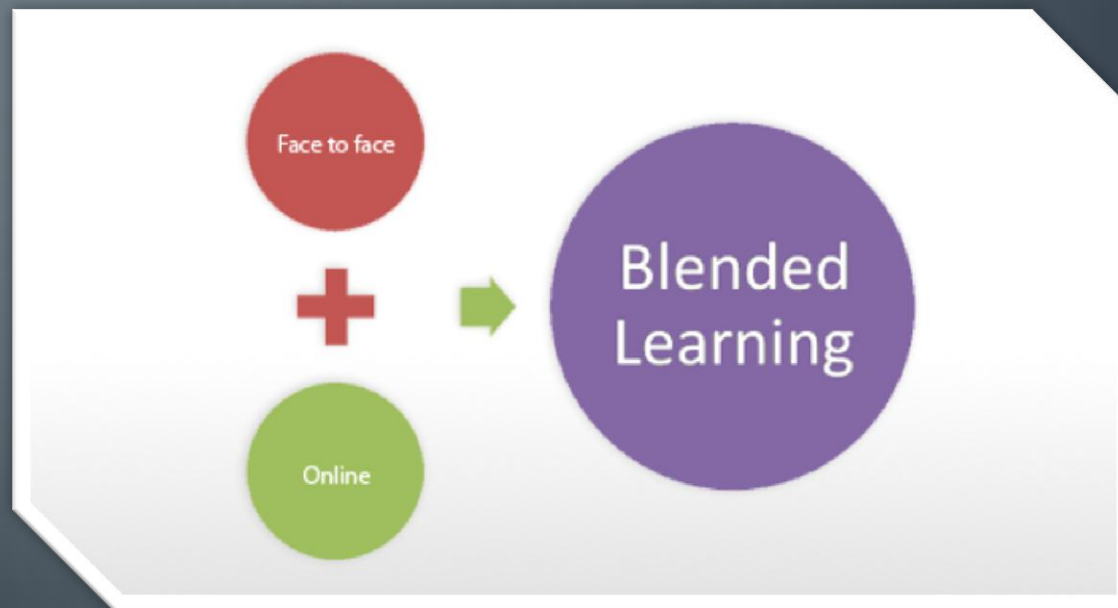
# E-teachers

- E-teachers are teachers who work in Internet environment in both regular and virtual classroom situations
- They find new learning resources as they interact with information, materials and ideas with their students and colleagues.



# ‘blended’ learning

- Blended learning is using e-learning to complement conventional on-campus teaching and learning, within a single course, so as to create a more effective learning experience.







## Scope of E-mail

- Every teacher and student should have an e-mail account.
- Communication with students and parents.
- Students can submit an assignment.
- Simple but effective.

## Audio chat





## Video conference

- Can conduct a live lecture
- Supported by audio, chat and whiteboard
- Supports sharing of applications

## Web

- Wide range of materials available
- It is a resource center
- Supported by images, audio, simulations and multimedia

# ADVANTAGES OF E-LEARNING

- Self-service
- On-demand (anytime, anywhere)
- Private learning
- Self-paced
- Media-rich: easier to understand & more engaging
- Repeatable: as many times as you like
- Easier to monitor progress: - less administrative work  
- can be more precise
- Same quality of education for all



# DISADVANTAGES OF E-LEARNING

- Unmotivated learners or those with poor study habits may fall behind
- Lack of familiar structure and routine may take getting used to
- Students may feel isolated or miss social interaction
- Instructor may not always be available on demand
- Slow or unreliable internet connection can be frustrating

# Approaches to E-learning services

- **E-learning services have evolved since computers were first used in education. There is a trend to move towards blended learning services, where computer-based activities are integrated with practical or classroom-based situations.**









**Thank you for your attention!**



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