

The E-Learning and the Role of the Trainers

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Summary

The summary of our project supports the basic body of the work which is developed in more details in each axis of our study

1. The role of electronic learning in educational process.

E-learning is the process in which an individual learns and is educated with the use of electronic means and mainly through personal computers.

Widely spread is the international term e-learning on the electronic learning. The education with this process can be separated in online and off-line education. E-learning with connection is the projection of educational material via internet (from a network place) while e-learning without connection is the projection educational material stored in our computer, educational cd-rom etc.

2. Projection of educational material via Internet.

It is a common thought that access to the Web means free and independent from geographic and other restrictions, access in an abundance of data and information

Concretely, the use of Web allows in educators and trainees:

- To retrieve any kind of information and data
 - Banks of multimedia information
 - Online libraries, museums, exhibition places, zoos, etc.
 - Governmental and other formal documentation
 - Newspaper and magazine articles
 - Geographic statistics and other scientific data

- To use online educational material and programs
 - Presentations and simulations of phenomenon, situations, operations and facts
 - Educational and entertaining games, adventures
 - Activities of testing basic skills
 - Test of self-evaluation, online examinations

Educational activities of “open” and interactive type (online writing of articles and histories, exploration of various goods of maps, etc)

- To store in the memory of their computer, various educational and other programs (freeware, shareware)

3. Projection of educational material stored in the computer

The computer that will be used in the educational process should support:

- Full communication with the data-protocol of conference T120 of ITU (sharing of applications and removed control of applications, chat, shared table, files transport). Applications of such type are Microsoft Netmeeting and the White Pine CU - SeeMe
- Depiction of Microsoft Powerpoint presentations
- Video reproduction in various formats (MPEG-1/2, Real Video, Windows Media, Quick Time, Flash animation, Java-based streaming)

The use of computational systems is also recommended for the completion of applications and material of videoconference with the above characteristics. The incorporation in a computer, material for videoconference, with the form of extension cards PCI or USB devices, and the relative software, provides the possibility to be done from a unique point the emission of all educational means, picture and sound of the instructor included. For desktop computers PCI cards are preferred, while for portable computers only the devices of USB videoconference can be used.

4. Distant learning - Tele-education

A new method that is widely spread worldwide is Distant learning, also encountered as Tele-education.

It is about a new philosophy of knowledge propagation from a distance, in the frame of lifetime learning, which repeals the limitations of conventional education, through the use of new technologies and contributes in the coverage of educational needs which come about so before but mainly after the affiliation of people in the job market. Moreover, offers many educational opportunities, in a wide range of grownups, giving them the opportunity to allocate the time and the place of their education. In Greece the distant learning is granted from the Greek Open University. Furthermore programs of distant learning take effect from the National and Kapodistrian University of Athens, while in the Pedagogic Institute operates a Centre of Distant Training for the educators of Primary and Secondary Education.

Nowadays, in the frame of the invitation 7 of "Community of Information" (CoI) and the Ministry of Education, the creation of special shaped and equipped places of tele-education, is in progress, in every supreme educational institution, preparative to support so much horizontal educational action for the needs of third degree education as other educational needs. Already many academic institutions have corresponded in the demand for growth of technical infrastructures so much for the modern education from distance where the communication teach-taught becomes in real time, as in the asynchronous education from distance where the communication is comes true indirectly mainly via the internet.

Concretely this moment, except the National and Kapodistrian University of Athens, special centres of tele-education function in other Institutions of Higher Education:

In Economic University of Athens, in the Aristotle University of Thessaloniki, in National Technical University, in University of Patras, in University of Thessaly, in the University of Crete, in the University of Macedonia, and in the polytechnic college of Piraeus. However the current exploitation of infrastructure of tele-education concerns in members DEP and in the students as well as in activities relative with the cover of Pan-Hellenic congresses,

training of teachers from distance, lectures in the frames of university departments, observation of meetings, simultaneous connection of observation of meeting's work, or congresses from interested that are in other cities without the need of their transport, while there still have not been created programs of open education for all, with the possibility of reception of Certified Certification of Study.

5. The modern role of instructor of adults

The instructor and educated in the education of adults compose a team of people that share experiences, knowledge and opinions in the frame of team-company, with final aim the "learning".

Keeping in mind the educational methods and techniques in which we had been trained, and the educational model of learning we are led to failure, particularly when we are based on a role of knowledge transporter and not as coordinators of an educational process, as advisers and animators in a team, members of which can also be the instructors of adults themselves.

We, the instructors, learn many from our educated, in the course of learning and became also educated sharing the experiences, the knowledge and our opinions in our team, so in the end we all become better for the continuity.

6. Conclusions

Nowadays exists an always increasing bibliography for the growth of learning programs via electronic learning which the instructors use as tool for the designing of corresponding programs of education.

There have been various efforts in order the instructors to approach the conclusions of academic research for the electronic learning. The most usual strategy was the entrusting of training courses, in academics, so as the theoretical background, or the frame of concrete scientific subjects, is provided.

In the education of adults today the electronic learning constitutes one of the most basic elements that are taken into account at the planning of educational programs, initially using knowledge from initiatives of foreign institutions, but nowadays with the know-how and experience in our country.

Keywords: E-learning education, internet and educational materials, distance learning and tele-education, the role of the trainer in the adult education

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