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# DEVELOPMENT OF A MULTIMEDIA ONLINE COURSE IN DISTANCE EDUCATION

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| Abstract: | Keywords: |
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| This article analyzes the topic of developing multimedia and online courses as the best learning model for students of distance education. The article observes the importance of distance learning and the benefits of multimedia and online courses in learning the most effective learning methods for students. | Multimedia, online, moodle, information, diskette |

## Introduction

Today's in the day The effectiveness of distance education is determined first of all by the wealth of its teaching-methodical and material-technical materials base, and secondly, It is inextricably linked with the methodology of quality preparation of materials and delivery to students.

From a distance teaching in the courses being given materials scientific and theoretical and Methodical in terms of again requires work . _ Also the following factors are also remote education for educational method materials preparation technology and of them use methodology improvement necessity requirement doing :

- of education continuity provision ;
- education quality increase _
- education system qualified specialists with provision ;
- education institutions graduates with constant in touch being _ their qualification increase _
- education in the system economic reforms efficiency increase _
- education in institutions information from technologies efficient and purposeful use _
- education in the system international connections development ;
- fast speed with developed going information and communication technologies to education application study , their didactic to principles suitability determination ;
- education in the system competitiveness provision ;
- our republic in the area organize done and being developed regional to education about public portal " ZiyoNet". information resources base enrichment and from him use indicators increase _
- the world education in the system problems : territoriality ( education get at will those who are all of them own on time read do not get ), conservatism ( information of technologies in parallel with the development answer not to give ), intersion ( various socio-economic in the circumstances low level of education flexibility ), locality ( education institution within

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education to get to himself feature ).

Remote teaching - this education to give from the forms one in this _ education in the process computer and telecommunication to technologies based on without of teaching innovative forms , method and of means is used . These tools to students to standards suitable education sciences free choice , teacher with to communicate entry for a must - conditions creates _ In this reading of the student education get place and on time depends it won't happen . Because , student optional at the time to study begins , study materials teacher under control absorbs .

Appropriation of the student assignments , tests to perform looking is determined . A student given program How fast as much if he absorbs it fast to study finishes _

Moodle is it teachers by online courses Create for special work developed site content manage system (Content Management System - CMS). It is often used in e-learning systems teaching manage systems (Learning Management Systems - LMS) or virtual teaching it is also called a tool (Virtual Learning Environments - VLE) .

Distance education (DT) is a set of educational services provided to a wide range of professionals and the general public using a specialized information-educational environment located at any distance from educational institutions.

An information-educational environment is a systematically organized set of data transmission tools, information resources, communication protocols, hardware, software, and organizational-methodical support aimed at satisfying the conscious and intuitive needs of users. understood.

Remote education knowledge of transmission known to the model is based on Knowledge sources of the network special prepared and main telecommunications in the environment there is has been information resources , for example : data databases , information systems and others _

Remote education is also systematic personnel training ( certified training , qualification increase , specialists again preparation ), is also open to education ( population common education and cultural level increase , scientific knowledge popularization ) direction _ can _

 Remote of education to himself special features of the following consists of :

Flexibility : cadets lecture and seminars in the form of regularly to training maybe they wo n't go comfortable at the time comfortable in the place and comfortable at speed They work , that's it usual ways change it can't get or to change those who don't want to for big is an advantage from life acceptance to do for cadet official respectively never how education does not require qualifications . Each _ a person to himself need has been mastering the course (science, discipline ) . and selected by courses ( modules ). necessary loans take need has been level reading can _

Modularity : remote of education basis module is the principle . Each _ separately course known one knowledge of the field whole appearance creates _ It is individual or group needs answer giving study program formation for independent module courses choose enable will give .

Economical efficiency : world education systems average price that's it shows that remote

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education traditional education to the forms is 50% cheaper than Local non-state remote education centers experience that's it shows that their expenses daytime experts preparation expenses about 60 % organize does _ of education relatively cheapness concentrated presentation and content merge , remote education technologies more to students redirection is also available _ study directions and technical from tools more efficient use through is provided . for example , rest days _

Teacher's new role : to him cognitive the process coordination , taught course adjustment , individual training the plan preparation according to advice giving , education projects manage and others such as tasks loaded . It is mutual help groups manages to students help will give . their professional development _ Asynchronous , rule as a cadet and teacher between mutually communication , them of reporters to their addresses mutually to send through messages exchange own into takes _ It's up to you incoming information analysis to do and reporters for comfortable at the time to him answer to give enable will give .

Remote of the course content modular to be it is necessary , then cadet his own one from a block of filled material to the other pass sure understand takes _ Very big modules study process for motivation significant level reduces _

Modern information technologies information desired at a distance , desired volume and in the composition place , store , re work and delivered in giving in practice infinite opportunities present is enough

Also communication _ technologies the following provides :

- being studied the material process to the participants deliver or their on the server placed study material with performance ;
- study in the process teacher and of the cadet interactive mutually effect ( usually " course the term " student ". used );
- of cadets of the network information sources with independent performance opportunity ;
- in the group work opportunity as well as training during received knowledge and skills evaluation .

Such in the circumstances remote education more seeing on the way out him organize of reaching pedagogical problems the first to the seat comes out

Hypertext course organize reach

Remote course content present reach him of preparation important structural is part of

The rule as , course content conceptual in part work developed hypertext structure in the form of training as well material present reach in the logic ( of parts sequence , mutual dependence and others ) presented will be done . Hypertext centuries during education information with provide tool as applied of the encyclopedia extended to the model is based on Information hypertext organize reach the following to principles subject to :

- freedom of movement in the text ;
- information a short ( abstract ) presentation reach _
- optional respectively the text continuously reading ;

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- information in the structure references availability ;
- mutually from links use _

Material present reach forms and types

Material present reach forms him work exit manage for comfortable the system own into take need _ Teacher any presentation _ shape and the material present reach sequence determine it is possible one different study from the material different level readiness audience and different _ kind of study activity for to use possibility will give . Cadet such study of the material print any " page ". opportunity have to be need _

Using multimedia

Remote course in construction study multimedia presentation of information efficient will be Methodical in terms of based on hypertext sound , animation , graphics attachments , video sequence and others own into takes _

Modern network from technologies to use based multimedia course to the cadet being studied the text own at will according to describe it _ more personal to do enable gives ( content personal needs looking select , in the text methods choose and correction ). It's personal his for the most effective ). Multimedia elements the material perception reach and remember to keep help will give . Student's unconscious from reactions use possible will be , for example , each of the course in his lecture conclusion release or assignment from giving before known one sound ( tone ), cadet known one the work type installation can _

From this except for the multimedia course repeatedly and a lot functional use can : course or of the lecture one part of the teacher addition without effort repetition or control to do for of the lesson independent part organize to do can _ Course not only textbook ( text ) . extended to the model , perhaps lecture of the process extended based on the model (" presentation "). it is possible while cognitive processes manage and himself himself manage for addition opportunities creates _

Last times Tools "3D-technologies" on the Internet , book of a page ( for example , a web page ) , but not room , museum hall , city area and of others improved electron model has been three measured volumes . , wide spread _ 3D objects availability effect possessor : you objects to see the corner choose you can _ one from the object to the other your transition possible and etc. _ Remote education organize reach point of view in terms of 3D model describe methods more consider improvement _ can _ cognitive interest significant level encouraging study material . Virtual opportunities expansion and to hypertext special has been of principles such to the model the introduction from him education purposes successful use enable will give . But that's it remember catch must , too except view of the material assimilation coefficient reduces _

Multimedia tools and products very a lot in methods sound , video, graphics , texts , animations the following in appearance used :

- In video conferences
- High education for distribution in lectures
- In telemedicine

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- Visual objects for data video from the base and pictures in search
- new multimedia tools in creating and others _

Information technologies listeners multimedia system by interest that is , multimedia itself into information technologies in the field very a lot information own into received _ This is operational systems , information technologies access , information base and another branches is counted . Multimedia tools are hardware and _ programs collection being a person himself for natural was very various districts environments : sound , video, graphics , texts , animations used without computer with communication to do enable will give .

multimedia user fantastic in creating a (virtual) world very great opportunities by creating gives , in this user on the edge slow observer role without doing it , maybe there the climax taking in events active participation is enough ; that's it with together communication user for used to in the language the first in line sonorous and video images in the language being will pass .

Diskette - data , programs constant save , exchange purposes is used . Diskettes FDD (Floppy Disk Drover - flexible disk device ) and HD ( Hidy density - high density ) as types there is and mostly HD type _ from diskettes is being used .

Diskettes information capacity according to two different will be :

- 5.25 inches (133 mm) - such 180, 360 Kbytes of diskettes and 1.2, 2 Mbytes information capacity types there is .
- 3.5 inches (89 mm) - this 0.72, 1.44, 2 and 2.88 Mbytes of diskettes information capacity types there is .

CD-ROM (Compact Disk Read Only Memory) - laser ( compact ) disk only reading for laser disc), next at the time this device very important role is playing His main reason 650 Mbytes (700 Mbytes ) to it information fits if so , the second from the side him in use convenience with separately attention worthy _ It has CD-ROM and CD - Writer there is being the first only reading for intended if so , the second one information and programs to write for wide is being used . of CD-ROM important from the indicators one his information exchange is the speed .

Summary by doing that's it let me say maybe present in the day each of society in the field international to communications being directed attention getting stronger that it is going our observation can _ That's why also different for in the fields of personnel to the front being placed requirements between foreign languages and computer literacy The demand is very high high for nothing it's not . From a distance teaching in the courses being given materials scientific and theoretical and Methodical in terms of again requires work . _ From a distance teaching technologies education to the process come in came from time since past period during information transmission and acceptance to do of means opportunities suitable without this pedagogical the system to modeling a lot importance looking at bride _

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**Information is a resource sources :**

http: www.uz.ref.uz                         http: www.ref.uz

http: www.pedagog.uz                        http: ziyonet.uz

www.referat.ru                              www.bankreferatov.ru

www.e-referat.ru                            www.km.rueducation