Practice and exploration of learning resources construction of micro-curriculum in community education

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Abstract: Research community Education original digital Learning resources development , Building Patterns and manufacturing processes , Resources for community Education Construction plays a positive role , is also a problem to be solved today . micro-courses are for the community to meet the common people system learning or micro-learning of the heavy " to learn resources . is driven by the costume design and production training program , Designing an original series of micro courses that embody the characteristics of community education " with me Learn to do casual dress " , Explore , Summarizing the design pattern and making process of the micro-course of community education , help improve community education micro-curriculum production level and speed , to meet and adapt to the rapidly evolving community education needs of the people .

Keywords : Community Education ; Resource Building ; Mini Course

currently , community Education has become a lifelong education system in China components , is building a harmonious society , An important part of a learning societyrong . The construction of digital learning resources for community education is doing well in community education most important , One of the most basic jobs , is also a community education One of the basic protections , or practicing socialist core values indispensable less component . But in reality the construction of community education resources is seriously lagging Overall demand for community education development , becomes One of the key issues restricting community education development . to clarify the community's need for digital learning resources ask for features , Better , Develop faster , Consolidate , Building a good community education Digital Learning Resources , is a problem that needs to be addressed today . one year more to , We actively explore adapting to community education digital Learning Resources build set mode -- Micro-course Learning Resource design methods and making streams Go , provide better remote support for learners who are interested in community study Services , Help boost the well-being index of the community's residents .

1. micro-courses can meet community education micro-learning and system learning

(a) features of the micro-course

In the last two years , Weibo , Micro-letter , Micro-novel , Micro- era

products are popular in society at lightning speed , Micro-learning To be shipped with live . the Micro Course is the use of " Knowledge Modular segmentation " The thought of , will be a better than More complex problem fragmentation , A learning topic by different knowledge points concatenation to form a relatively independent " Small module Video Resources . it Low content small , Time short , Show Diversity advantages , Conformance Learning The physiological and cognitive characteristics of a person ,also helps learners take advantage of fragmented time , micro-learning anytime and anywhere , welcomed by all types of learners .

(b) Characteristics of Community education Learners in the last two years of development of community education , We see clearly to , learners who participate in community education study have different continuing studies motives and wishes . Some of them want to get their own element through community education Foster or knowledge , Technology , skills Improve in some ways , has better development ; There are those who want to show themselves

through community education opportunity or space ; There are also those who want to improve their quality of life by learning to make themselves and .. so , participating in Community education Learning Learners are characterized by the following requirements :

(1) because you are interested in , participate voluntarily in learning , so learn

Compare Active ;

(2) because there is no basis for what you are learning , so I want to learn the content to downplay The theory, highlighting practicality , easy to Learn , easily , Easy to start ;

(3) problems with life and work , To resolve the problem with purpose , targeted learning , so you want the learning mode to be in the, do Middle school ;

(4) because it is a non-academic education , So the properties of the learning content are specified True , such as skill-action , Entertainment type , Health Knowledge type ;

(5) because it is an adult learning , So it should not be too long each time you study , Learn ways to be flexible , can choose .

I think that , Define the characteristics of community education learners and the learning inside Properties , the design and construction of digital learning resources for community education to set the premises . a single micro course can satisfy community residents " resolve problems " the micro-learning , series of micro courses around a topic can meet community " System Learning for the residents to improve happiness ". so , Mini Course is in compliance District residents learning characteristics and the number of community education with internet age characteristics One of the characters learning resources . Building a micro course to meet the needs of community residents forms of digital learning resources , is Open University building community Education Licensing Course Resources , The effective way to promote the development of community education in depth path , It is also a booster for building intelligent life and Intelligent Campus .

2. Project-driven original works -- Series design for micro-courses vs. building

2014 Year 5 Month , in Hebei rtvu Union and community Education With support from the college , launched the theme of costume design and production Area education skills training activities , The participants in the event are school workers members . through this training for members (Community resident) Understand the service Install basics of design and fabrication , mastering basic sewing processes and skills ,, to lay the foundation for simple clothing. Learning Goals , Let the participants learn the the members multi-directional feel campus culture , Increase cohesion , improve the family's lucky Lucky Index .

(a) ｜ community education the present situation of the production resources of costume design

To do this training , We have a community education Fashion design System makes a survey of the status of a class resource . current , on Market apparel more books are cropped and sewn , But as a community education clothing design and production of books is difficult to find . We searched the internet for a Web site , such as " youku" " sites such as some related video resources or PPT slides . However, these resources are basically based on the design and system as A professional perspective to learn about content , teaching is stricter, has many technical terms and a wide range of calculation formulas or methods . when those who are "" 0 are interested in learning about costume making see these more for complex costume design diagrams , only prohibitive . in some communities Education Web site More resources for costume design and production Less , especially from the perspective of home design Clothing the paper relatively few books and video resources . tailoring for casual wear

Resources rarely see .

(b) Learning Analysis

in order for the training activities to be ordered , We will take part in learning The member made a serious analysis

of . Participating Members survey statistics results show , Most of them have no costume design and clipping base Foundation , Even the knowledge of how much cloth can make a simple garment is do not know , cut and sew more is impossible to talk about . But do it for someone else . out of the costume of envy , Is eager to learn something that is easy to understand , Easy Simple practical methods and skills for hands-on home making clothing ; through Learn , I can buy all kinds of cloth from the market . , to from make a fit by yourself or your family , Favorite Costume , to promote the family's Happiness index .

(c) I - Experimental Teaching mode design and Learning Resource design

According to the characteristics of members and training content , We do the learning content design and I- Design of experimental teaching mode . We want to meet the grassroots need seek for the purpose , highest dress rate , Design Structure simplest , Design method most basic casual dress start , desalination theory , highlighting practicality , make the Community People's easy , Easy to start . uses a secondary school teaching model . ® Special for to meet training programs , tailored and crafted to reflect community education Education features , Digital Learning resources with independent intellectual property -- Club District Education Series Mini Course 〈 〈 Follow me for casual wear . such as , 〈 〈 casual dress Mounted Dimension measurement 〈 〈 dress and make of vest "" has been launched to " Hebei Lifelong online learning "Public forum "; there are also a number of micro courses in Our training " skillful group " online , and getting good during training application of and teaching practice validation . These learning resources can not only be filled with the need for our training , can also be used for other learning casual design Create learning support services for the community of people making demands .

3. Community Education Skills Training Micro-course design model and production process

in the process of building and applying digital learning resources , We product Extreme Challenge , Bold Innovation , summarizes a set of community education skills training The design patterns and production processes for the mini course .

(a) design principles and patterns for micro courses

A unique method of teaching based on teachers ' years of summarization , Design your own To dress clothes , design and Develop an original micro class with independent intellectual property rights Pass Each micro-course highlights a theme or a costume , time on 7-15 minutes ; Each micro-course is accompanied by a large number of animated demos with audio tutorials and real , Object action video form file in video format , implements self-taught .

(b) Base on detailed slide presentation

at the beginning of sewing of garments , The hardest thing for beginners to do is to be unable to Start , don't dare to cloth under scissors , The reason is that No costume is drawn . Shear Chart therefore learning to draw a garment cropping diagram is the primary task of the learner .

First , We make the process of cropping the drawing a slide , Clothing cut each segment of the drawing with an Easy-to-read text language , Pass have different animation effects on a single drawing of , a slide one step

to show the entire process of charting in one step .

Second , To put the slides that are made into the clothing and Apparel Association's Smart Hand Group shared, Let each member follow the steps outlined on the slide on the page or on the fabric. , Verify slide making effect . to speak not clear or demonstrate difficult to understand further modifications , Perfect , up to to the slide show lead the learner to draw the crop diagram gradually. .

(c) Physical demo recording video more intuitive

to create a more intuitive learning effect for learners , We adopt How to record video vertically in situ , teachers Follow slides Solution , step-by- step drawings in fabric material . to demonstrate the details of the material in the true real world: , to let the learner know where each segment is located position , which line segment ? How does draw the ? The will be drawn with the graph cut along the lines, The mapping cropping step completes the . each dress i All give

detailed sewing process . Follow sewing process on sewing machine step stitch . to take the entire process of sewing to a video show to learn learner , learners have an intuitive not only from theory to practiceUnderstanding , and can guide or help learners master the The method of drawing and sewing of garments .

(d) post-production crafting

First , Use a video screen software instructor to go to based on slide animation Line voice-over narration , make it more vivid . such as , for the issues that require special attention in the procedure , and difficult points , The is required for a more detailed description of than .. makes it easier for learners to master The drawing method .

Second , to process the recorded video , The strives for the shortest time , Clear questions in the most concise language , guarantees short and precise ; in heavy pointdifficult Point and drawing , The Place to note in the cropping and sewing process Square , Add a hint of copybook or subtitles , Reminder Learner . will be ironed hot garments Show , makes learners encouraged , increase them learn Learning self-confidence .

because each micro-course design is well organized , Concise and unambiguous , Learner can read , understand . Just follow the teacher's instructions , to step draw each line in the costume drawing , then crop process , on to make a more satisfying dress . A micro course such as lets participants who are in the Training Learn that the process of making a costume is not actually like like it's so hard , as long as you want to learn , want to do , to master .

4. Conclusion

(The highlight of practicality is community education and other forms of professional education Maximum difference

The feasibility analysis of community education resources development is community education Foundation for resource construction . [[1] [2] [3] [4]] when Making community Education Learning Resources Fine analysis of Community education audience objects , includes age , Interest , Position industry , Practice conditions and technical conditions , in particular requirements analysis , includes resource type , resource content , How resources are rendered, and so on , only so to build a highly targeted Community education resource .

(a) Micro Course is a digitization that satisfies the diverse needs of community education Learning Resources

Teaching resources for community education should have a Short , Utility , Easy to learn for features , Micro courses can meet community residents by Troubleshoot problems The micro-learning of Learning to " Promote happiness index System Learning . Micro course from form to inside The more people live, the more they have a wide application value .

(b) the micro-courses for community education do not have to pursue high , big , Fine

in the community education resources are still relatively scarce today , to satisfy the community

a wide variety of people's needs , Community Education Micro-course resource design and Build no need to go high , big , fine , " High-grade , Large expert , make fine , but need a short , ping , Fast , that is Short , trivial , Fast . as long as the are the that the community needs. should actively do the ; Whether knowledge is passed grant or spread of cultural ideas , whether skill training or life through description , Whether it's a well-known expert or a civilian , to People's needs To resolve the actual problem as a root ,to explain in a short time The problem is explained by , articulate , can be a presenter for a micro course ; Mining with video screen software + Rich media PPT , Design relatively simple , cost relatively low , design faster ; for some actions that need to be demonstrated or scene Select different seats , The angle of the video is different , will produce a Different visual effects , can cause some visual dislocation sense , such as the drafting of apparel tailoring process needs to be shot vertically , Otherwise viewThere are some lines that distort , parallels are not parallel ; , cropping or sewing over threads do not require vertical shooting , can be in front , can also be shot above the .

with the Learning society and the establishment of lifelong education system , people to the need for Community education curriculum resource construction is growing., so , Construction Agency District Education Learning resources need and importance become more and more prominent . and currently Our community education, especially urban

community education, is still in its infancy . , fumble phase , required under the guidance of theoretical research and practice of community education , , in multiple combinations , extend more resources development and utilization channels , Promote the further development of community education in China .

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