Research on the application of fragmentation learning in adult continuing education

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Abstract: Purpose with the rapid development of the network , popularity of mobile devices , Fragmentation learning is increasingly important , article explores fragmentation learning in Implementation and effects in adult continuing education . method Analyzing the conceptual characteristics of fragmentation learning and the status of adult continuing education , Explain the dialectical relationship between traditional centralized teaching and fragmented learning , The positive meaning of fragmentation learning and its application to adults The feasibility of continuing education . results Nanjing Medical University set up teachers , Student ,administrators as a whole , applies to student autonomy Learning and Digital Autonomous learning platform for teacher-student interaction , The research of the application of fragmentation learning to adult continuing education is carried out . conclusion : Fragmentation learning is especially appropriate for adult continuing education , compliance with the work of health care workers , meet its learning needs , to significantly Improve learning effectiveness .

Keywords : Fragmentation Learning ; Adult Continuing Education ; Network learning platform

The Rapid development of the network age and the popularity of mobile devices , To promote The diversity of learning styles and the overall study of time and space . for people to continue education Student size continues , Professional Continuous refinement , Group of educated people with busy "" " Office " main " They're hard to pull out time to enter class system , Focus on , But medical information more New Fast , and Health Care Competition Big , Medical and health personnel need constant " self " Charging , Web-based or smartphone platform fragmentation learning mode is the preferred learning method for primary health practitioners .

1. Basic concepts for fragmentation learning ,

Characteristics and comparison with traditional concentrated learning

Fragmentation that the whole thing splits into fragments , fragment Chemistry Learning that people take advantage of the fragmentation of time to get the information that is fragmented , Learn Learning about fragmentation , This flexible and targeted Learning mode called fragmentation Learning [w . Fragmentation Learning is workingway, work anytime, anywhere , ubiquitous new learning styles . Traditional centralized learning generally applies to full-time students in school , Need one

Fixed School premises and faculty , students generally take part in learning all day , through the test for credits , pass the Graduation exam or thesis defense before graduation to obtain a degree in degrees . Traditional Centralized learning although there are teaching goals explicitly , Benefits of teaching Content system , teaching time invariant , But there is also indoctrination too much , less interaction , students are less motivated than others W . for Continuing Education students , work against learning time , Traditional focused learning is generally difficult to implement . Phased Focus learning can be integrated into the knowledge of the "fragmentation learning" , to guide and help trainees to take the knowledge of fragmentation consolidate into a complete knowledge system , Avoid fragmentation of content stack ; Fragmentation learning can tell a certain aspect of the knowledge system simple language , key points to talk through , students need to recognize the order The relationship between paragraph-centered learning and fragmentation learning ,

Implementing fragmentation Chemistry The organic combination of learning and systematization [] [4] .

with the development of technology, especially the wide range of wireless network technology should with , Fragmentation Learning will become a primary way for people to learn [5] . Fragmentation learning , First learning space-time fragmentation , Current Social Information Large and update faster , life Fast , therefore difficult to complete when

Enter campus for system learning , But the work is scattered over time ubiquitous , This creates prerequisites for fragmentation learning . Northern Europe Yangxiu said : " Yu Pingsheng article, more than three, is immediately , pillow on , also on the toilet , Indicates that the Ancients had long advocated fragmentation chemistry at anytime , XI . Second, knowledge content fragmentation , complete System knowledge dot learning acquisition takes too long , need to be fragmented into several small knowledge point, Within a short time to complete the grasp of the small knowledge of the point , Many small Knowledge Point Coherence is a complete knowledge point [6] .

Fragmentation Learning generally has the following characteristics - is flexible high , knowledge points fragmented , Understanding time becomes shorter ; two is strong-targeted , dot smaller , the student can focus on the part that is more helpful or inspiring to , The platform can also be based on the student Demand point to point push to related people , Improve fragmentation learning personalize ; Three is high absorption , knowledge content fragmented, , Learning a single knowledge less time ,Repeating intensive learning , knowledge absorption higher ; Four is interactive , using the network platform to push learning content , students and teachers can also interact on platforms , Short class time , and Students have a digestive period for the new content , After class understanding Master's Knowledge recognize points , If you have questions, talk to your teacher directly on the platform , Troubleshooting Confusing . summary , fragmented Learning benefits for adult Learners Time Utilization ,improved knowledge absorption and learning interests , change teachers ' teaching ideas and patterns , improves teacher's professional ability and information level .

2. The necessity of fragmentation learning for adult continuing education

Continuing education means being divorced from formal education , To participate in the work and All kinds of education accepted by people with adult responsibility ,Their eyes To update the educated object , increase capability append education , A product of social and economic progress , is lifelong learning system An important part of [7]. China Education Law the stipulates that employees have the right and duty to to receive vocational training and continuing education in accordance with the law . adult Continuing Education is the inexorable trend of social development , An educated person satisfies the To Promote the development of our society . （8）, New continue to push the development of adult continuing education to get a wide range of society Identity . with the Internet Information Age New Moon is different , education cause not to be outdone , educational informatization level has become an evaluation of higher education Important indicators for teaching level , and the construction of network teaching platform to close important [9] .

Adult Education groups are mainly those who have joined the working community People take Nanjing Medical University Continuing Education College as an example ,student Large Most primary care staff for Community health centers , distributed in All cities and counties of Jiangsu province , student Count , Pro wide , contains clinicalmedical , Oral Medicine , Imaging Medicine , Nursing , Rehabilitation Medicine ; He Work at a High intensity , time Long , Workplace distance from school far , so you can't go to school systematically . , on this , network The platform fragmentation learning came into being . Information Age Internet fast Fast development , Baidu search ,database Check new , Online consultation , online view frequency , , distance education, etc. have become the for people to acquire knowledge of fragmentation Important channel [9]. phone , All kinds of mobile devices such as computers become broken by people play time Entertainment , main tools for learning , The of these external conditions Maturity facilitates the implementation of fragmentation learning . to establish a flexible education pattern that

conforms to adult continuing education features ,build with full use of network technology targeted specialized network teaching platform , through video teaching , far Tutorials , Online Consultation , Thematic discussion and other patterns to improve the quality of teaching , Use this kind of fragmented learning style from time to time with traditional centralization Combination of fertility and education is an important guarantee for the continuous development of adults in the new era [ten] . with the help of network platform teachers can and update , to supplement better content , interact with students online , To become " teach and Learn A bridge between the two good communication , helps form a harmonious teaching ecology , for improving the teaching environment , and Improve teaching quality Amount , Promoting adult Continuing education development has important significance[11] .

3. the construction and application of a fragmented network learning platform

Department of Education 2007 Year issued about strengthening the subordinates high Notice of adult higher education and continuing education management clear propose "" Adult Continuing education and higher education to be learner-centred ,, features and requirements for employees in part-time study , enforce teaching supportall services , Further deepen the course system , teaching content , teaching methods and Means reform , to establish a "" Talent training model and teaching management system for adult amateur learning . Adult Continuing education reform The direction of the must adapt to the Times requirements , Make full use of developed network technologies ,, Building a web-based learning platform adapted to knowledge fragmentation , Improve knowledge Propagate efficiency . so-called " Fragmentation" We can understand that divide crack , breaking down systematic knowledge , on a different subject count appropriate section , content for fragmentation learning short and precise ,Fit Close for a short time . Basic surgical Operation " open " , suture , play knot "" as example , clips after taking instructional video , is split into a single node , side knot ,surgical knot , Sanchong , A different type, such as a slip knot and a false knot, ; single-hand knot , hand knot method , Deep knotting , Surgical Knot tying method and device The different styles such as the armed knotting ; writing , executive bow , anti-pick and grip Hold-in-hand method ; Simple Intermittent stitching , Simple sequential suture , even renew seam , mattress stitch and "8" stitch methods . mini Video Total 28 paragraph , Every paragraph more than 10 MB , Small hundreds of KB , Time length 2~3minutes , short more than 10 second. can also be understood as The diversity of teaching in the second place , such as traditional PPT , fashionable mini video , Micro class ,mu class etc [a] . The development of educational technology has also led to fragmentation learning the Progress of ,3~8 minutes Micro Lesson Video Highlights , Outline Pull out collar , best captures audience's attention , Learning efficiency . virtual now Real technology (virtual Reality , VR) Craze No fallback , augmented reality (augmented Reality,AR)Strong Hot , Nanjing Medical University opens Send virtual surgery teaching system , Virtual Physiology Lab ,VR teaching learning software Interactive strong , Easy , highlight key points , Increase Strong perceptual knowledge , improving performance [(3).

The construction of network teaching platform needs to build a perfect network setting apply . design based on college one Grade One class version of the block mode ,Students can quickly get information about after landing . Continuing Education College set of teachers based on school administration , Student , Manage as one ,,applicable to the digital autonomy of students ' autonomous learning and teacher-student interaction learning platform , This platform integrates curriculum and teaching resources construction Management , teacher Coaching , Learning effects real-time monitoring , score Management , Course Evaluation , Teachers and students Interactive features as a whole , effectively promotes student autonomy , Explore Learning and teacher Autonomy , Efficient organization teaching . Teacher Union class Church teaching, design a micro-video for fragmented learning , supporting text this , Exchange discussion , Unit Test and expand reading . students through the completion of the job , Forum discussion , Autonomous exercise , test and teacher FAQ , around a specified topic launches online discussions and expands learning . Online learning as part of the student process evaluation , knowledge Palm grip , Learning Ability , Learning Attitude Analysis and feedback , Shape to learn one feedback an improved closed loop linkage evaluation system .

until 2016 Year 6 End of , The Continuing Education Institute of our school has established a course Process Web site 510 , Course data capacity approximately 223 GB, Course Item 78 total 769 Road , Course Web Site page number 15 775 page , Total Course Visits 728 million times . already inside and outside of province universities come to school to study the construction and application of Curriculum center , on Ten multiple times National Conference to show our school digital Autonomous Learning platform and course Center .

4. Conclusion

Xunzi · Quanxue in Steed One-hop , cannot be ten steps ; Nag travels 10 Drive , work in no homes sentences for , means that scholarship is persistent , Successful no _go to . same as, the learning of the fragmentation you are persisting relentless , only normal 0 Save " " to achieve final rounding "[] " . The fragmented teaching model brings convenience as well as the learner's self The test of learning ability , in the age of rapid knowledge expansion and fragmentation , students also want to reflect on how to think about , consolidate , Build the Knowledge system . Zheng Shaohong etc "
[15] proposed fragmentation learning should be subject to participants , to from main Learning as primary mode , based on quality teaching resources , with excellent Continuing education teachers for protection . Fragmentation Learning promotes " office workers " Continuing Education , Greatly improve the efficiency of knowledge dissemination . but also avoid Open Fragmentation learning _ Some misunderstandings , such as fragmentation learning information over

in a clutter-disordered , Learning Path is too random , learning style tends to be single

Shallow Wait [], to convert the Traditional Centralized teaching and Fragmentation Learning

Organic Combination , complements , To avoid the disadvantages of , Implement adult continue

Healthy development of education .

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