

The Sociological Analysis on the Cultivation of Square Dance' Information Literacy

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Abstract: In this paper, the Aging Society make a preliminary exploration about how to develop information literacy, making a helpful attempt for the growth and success of Square Dance. As the highly development of the informational technology, we are surrounded by a large variety of information. It is of vital important to have proper information literacy. As a Aging Society, which is trained for oil field as a senior technical personnel by Aging Society, should adapt to the development of the times, constantly improve their information literacy in themselves.

Keywords Square Dance; Information cultivation; Intellectual property; Aging society

INTRODUCTION

Nowadays, as the information is highly developed, information literacy has become an important part the evaluation for one's overall quality, it constitute a person's internal mental condition, together with professional ability mental health and thinking level. College students are the builders of the country's future, Socialist successor. They are now the recipients of information, and the users, the spreaders and the creators of information in the future. Cultivating good information literacy of university students, is actually lay a solid foundation for the college students' life-long learning, adapting to the information era society, the successful employment in the future.

THE SOCIOLOGICAL ANALYSIS OF INFORMATION LITERACY AGING SOCIETY SHOULD HAVE

The concept of information literacy was first brought up by Paul Zurkowski in 1974. Information literacy is simply the person's ability to adapt to the informational society. It includes the ability that determines when you need the information, search the information, evaluate the information and use the information you need effectively.

Petroleum university graduates are mainly serving for the petroleum industry, petroleum industry is a tough industry, Oil and gas fields in China are mostly distributed in gobi and desert, coastal working conditions of the hard, and as the industrial blood of national economic development, its position is increasing day by day. Petroleum industry requires petroleum university students to acquire stronger information literacy, because of its high risk industry,

the complexity of resources exploration and high technicality of mining technology. To sum up, the mainly points are as follows:

First, to retrieve, evaluate and use the required information effectively.

In highly developed information society, Petroleum university students must have good information literacy, in order to acquired the knowledge scientifically and effectively from the complex, diverse and even misleading information, and use it after highly integrated all kinds of the information. It should include the ability to read, extract absorb and storage the information in a variety of ways.

Second, to determine the acquired information, and useful combined the useful information with their own thoughts.

To find the required information the most quickly ,senior college students must have access to information for quick judgment, extract the useful information combined with their own thoughts, forming a new way of thinking, which should include the ability to discovery, develop, make decision and use the information.

Third, to identify information initiatively, and the ability of treat information differently.

As the rapid development of information technology and the total development of computer network, all sorts of false information, pollution of information, intellectual property rights infringement phenomenon also appear constantly, it need for Petroleum college students to identify the information true or false, and Go to its dregs, takes its essence, and obtain the complete information from scattered, incoherent source, which include the ability to integrate and discriminate the information. See Figure 1.

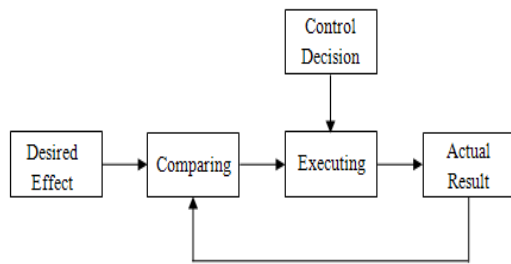


Figure 1. Closed-loop management model diagram

THE SIGNIFICANCE OF INFORMATION LITERACY AGING SOCIETY SHOULD HAVE

The function of education is to promote human development, in order to adapt to social development. Meanwhile education must constantly change and absorb new knowledge to follow the trend of the times. Eventually it can meet the need to promote the development of the people. Petroleum university education does not only aim to cultivate the idea of learning for students, but also to lay the foundation for the students' occupation development in the future, while the main goal is to teach students how to learn. So the good capacity of capturing, organizing and judging all kinds of information should run through the whole process of learning[L.Y. Zhao ,2007]. Facing challenges of new technology and new knowledge in the oil industry, petroleum university have to enhance the overall quality of students to meet the requirements of the information era. In five aspects of college students' basic quality, the ability to obtain knowledge independently has become a more and more important quality that college students should have. Therefore, information literacy is of great importance for college students.

Firstly, information literacy can meet the needs of students' creative thinking. The development of creative thinking is of great significance for solving complex problems in real life and actual work, doing all sorts of pioneering occupation and continuing to create new life and lifestyles. Creative thinking is not a simple logic process, and it can not obtain simply through the accumulation of learning subject. On the contrary, if you learn more, what you learn may also limit the formation of creative thinking easier. Therefore, the cultivation of information literacy is created in order to improve the students' creative thinking.

Secondly, nowadays the information society is changing our life quietly and learning has become a life-long topic. Information literacy is the foundation and basic element for life-long learning. We can make life-long learning possible and obtain new knowledge, new ideas, and new concepts in the complex environment of life and work only after having certain information literacy.

Finally, for the individual in the Petroleum College, information literacy is a basic survival skills in information age. The quality of life is increasingly dependent on information and technology. While people who have the information literacy will not be submerged in the over abundance of information and they can effectively find, evaluate and use information to solve specific problems so as to know what will happen, what are the chances and where to find the better.

SOME PROBLEMS THAT THE AGING SOCIETY' INFORMATION LITERACY IS FACED

Here are some problems in university students' information literacy as follows:

First, the information consciousness of university students is weakly.

Junior grade student not fully adapt to the Petroleum university life, just break away from the Sea tactical issues and the exam-oriented education in senior high school stage, having no purpose, are tend to produce the blindness and randomness of learning. Therefore, did not have the desire of information needs. what is more, the propaganda for information consciousness, especially on perceptual consciousness education in high school stage is insufficient, lead to the result that student can't aware the function of the information and the important role of information in the future career. Moreover, the demand of Oilfield Enterprises unit for personnel in single petroleum field also restricted the purpose and motivation of learning for senior grade students. It also makes students only focus on professional class, not make emphasis on information literacy enough. In another way, due to the impaction the traditional book from the network information, the development of modern network ,almost all resources can be found on the Internet, which greatly impact the traditional library resources, students have become accustomed to have questions to ask "baidu" mode; At the same time, since the limit of the Petroleum university and the explosive growth of information, the updating speed of modern society library document obviously couldn't keep up with the updating speed of information, which makes the library as an information resource center provides the latest information also fell sharply, the speed of these have led to the university library can not be used efficiently, and impact the cultivation and development of students' information literacy[L.J.Wu *et al.*, 2005].

Second, petroleum university student's information ability is insufficient.

Above all, facing with a large amount of news and information message in variety of ways, most petroleum university students are still unable to

identify the information true or false and screen the useful information, let alone to the utilize of information; And the incomprehension of information sources, makes it lack of comprehensiveness and correctness to acquire information. Then the next, the attention students paid to the basic retrieval knowledge the retrieval language, such as retrieval tool, retrieval methods and so on is insufficient. The methods of retrieval are too single, and the accuracy of retrieve information is not high exactly. The last, after having access to information our student lack the ability of information utilization, the use of information is a very complicated process, not only need to have the corresponding professional knowledge, but also has a certain level of requirements on the cultural quality, logical thinking, most of the students still stays on the use of information in just use them, not ask.

Third, lack of cultivation of information literacy to petroleum university students.

Due to the limit of the major in Petroleum university, most of the professional courses are lack of intuitive, only using the theory of the old model to teach, and this led to the students' understanding of professional knowledge is not sufficient, for a lot of knowledge can only be made, not flexible application, these dismissed the cultivation of students' information literacy in professional courses knowledge. See Figure 2.

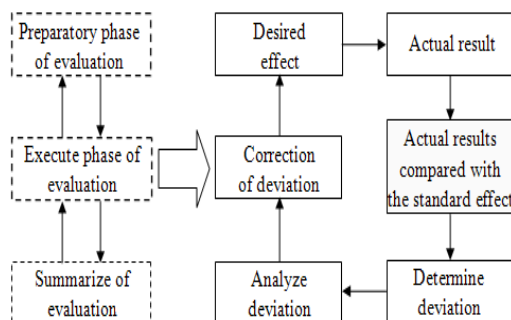


Figure 2. The dynamic procedure of evaluation

SOME MEASURES OF CULTIVATION ON INFORMATION LITERACY CULTIVATION FOR AGING SOCIETY

First, strengthen the environmental construction of information education in schools.

To create a good education environment of the information literacy for students, our school has improved the hardware environment, including digital library, reference room, computer room and multimedia classroom, what ' s more, we have opened a personal academic homepage for students so that they will receive the practice platform of information education by selecting the courses and

applying tests in the homepage. Probably teachers using multimedia for teaching, can not only improve the effect of class teaching, but also influence students' abilities and information consciousness gradually.

Second, the entrance education for freshmen.

During the entrance of freshmen, all departments will be in accordance with the school requirements for the entrance education of freshmen, in addition to professional introduction and the education of party enlightenment, also include the education of information literacy, make our students fully understand the professional Settings, training plan, and have a clear understanding of learning goals in university, enhancing the consciousness of the students' information literacy. After the information literacy education for the freshmen, students generally have a more clear understanding on the information literacy. As a result, students will not be out of classroom learning in the future course and also know how to improve their information literacy level and expand their horizons by the use of various information channels.

Third, set up the course of information retrieval.

Setting up the course of information retrieval in the short term of first grade, has played a certain role in educational function of library. by means of the characteristics and the methods use of the commonly used retrieval tools introduced by the literature retrieval course, making the students acquainted with the commonly used retrieval tools with this subject and this major exactly, mastered the basic operation method, such as manual retrieval, network retrieval and so on, that skilled application of them to find the information you need, change passive to active, change students learning attitude for the credit.

Forth, set up the social practice and the practical process of production workshop.

Each summer vacation, all secondary school set up the social practice and the practical process of production workshop according to the characteristics of different major. Put students in society and the production workshop. Through these practical processes, make the students acquire the theoretical knowledge combined with production process. On one hand, the theory is combined with the practice. On the other hand, the students make a full understand of social demand for personnel; moreover, get further understand of the importance of information literacy.

Fifth, set up various of colorful extracurricular activities

Although the normal classroom teaching is of vital important, the leisure activity can also improve the students' cultivation of information literacy. through rich and colorful extracurricular activities ,it increase the ability of student understanding information literacy, and cultivate students' ability to acquire new

information, make the use of the information, expression of personal thoughts and ideas effectively, and make them willing to share different opinions with others.

CONCLUSION

In today's society, with the rapid development of information technology and the constant improvement of social information's degree, the cultivation of information literacy will become an important quality of human beings. Only through long-term, professional training and education can we cultivate the elite who have the professional literacy and information literacy, can we make information technology fully developed in each professional field, and can we accelerate the process of social development.

Aging Society is the effective force of the country future development, its own information literacy is the important embodiment of the national information literacy. College students' information literacy education has become the world universal attention major theoretical and practical problem, the

information literacy education needs to throughout the whole process of school education, the training of information literacy of students can not be limited to a single point. Information literacy is an important quality to make students to cope in the future. Therefore petroleum university education should improve students' knowledge structure, strengthen their information skills and promote their comprehensive quality through information literacy education so as to provide talents for the society.

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