The Research on the Influence of University Library on College Students' Information Literacy Education

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Abstract: The article states the basic theory of information literacy education. Because the colleges and universities do not pay much attention to information literacy and college students are short of the knowledge of this aspect. This article aims to put forward the way of educating the college students’ information literacy.

Keywords: University library, College students, Information literacy education

1 Introduction

In the information age, information has become the most active and decisive factor in social fields. Information literacy education is one of the core elements of talent development in the 21st century information society, which is the basic survival ability of modern social members and an important part of individual overall quality of living and personal development in the information society. College is the cradle of training talents and the important base to cultivate the national construction talent. University libraries, as the information center and the distribution center, have the same functions as college, which are education function and information service function. However, special environment and advantages of the University Library has the incomparable effect with the university classroom education on information literacy.

2 The Basic Theory of Information Literacy Education

Known as the information literacy, information literacy is a concept associated with the formation of information industry. This concept has evolved from the book retrieval skills. It is put forward earliest by Ball, chairman of the information industry association in 1974. It is expressed as: “it is the skill of resolving problems using large amounts of information tools and main information source”. Given by the American library association in 1989, it was formally defined as "the people required information literacy is capable of keen insight of information demand, and use it on the corresponding evaluation and effective utilization".

Because of later research on information literacy in our country, the evaluation standard of information literacy is not recognized publicly, but we reached a consensus on its connotation. The so-called information literacy in the information society is the quality of the combination of a variety of information possessed by individual members, and it is to recognize and express information needs and information resources from the use of information acquired skills, information point of view, a sense of information, knowledge, and integrated ethics to form capacity and stable quality including information consciousness, information technology, information ability and information moral etc.

With the development of knowledge economy, information is an essential skill of the creation of knowledge. Information education has gradually joined into the education goals and evaluation system from primary schools to universities. Information literacy education has become an educational, academic and the social theory and the practice of subject. Information literacy is the core of the concept of life-long study, which can make the person seek, evaluate, use and create information effectively in the whole life, so as to achieve personal, social, career and education goals.
3 The Present Situation of Information Literacy Education in Colleges and Universities

3.1 Information literacy education is in a low development level in colleges and universities on the whole
Many thought that the computer technology, network technology education in common colleges and universities are the information literacy education. The main mode of information literacy education is "document retrieval lesson" and the teaching content of "document retrieval lesson" can satisfy the information literacy education. In practice, "document retrieval lesson" in colleges and universities, as an elective course, has low status in the school, which is low valued and lacks of professional teachers. Traditional teaching material is closed, retrieval tools are not complete and lack of modernity, openness, authority, teaching means and teaching content without new breakthrough, and students are interested in the course difficultly. According to the survey, 90% of the students hope to open information technology courses, but 50% of the students think the course content is obsolete.

3.2 Value of information literacy education in colleges and universities is not enough
The information literacy education in colleges and universities is not valued, only the professional skills courses are considered to be the unique talents and the needs of work in the future. Professional division is more noticeable in colleges and universities. The school established some computer or document retrieval courses to all kinds of professional students in grade one and two, which is called the completed information literacy education, and then it focuses on professional class skills education. Professional teaching emphasizes on the professional information consciousness related to the specialized courses. Without considering extends beyond the classroom learning, college students need the ability of independent work and research in the social environment.

3.3 The information literacy of college students is weak
(1) The information consciousness of college students is weak, and the sensitivity of information is poor. In the research report college students' information literacy status analysis, Chang Zhengxia thought 80% of the students don't know the information environment, and they are not familiar with the resources and services of school library. (2) The information knowledge skills are not optimistic. With the geometrical increasing of information, how to obtain the information you need from the vast amounts of information and how to find, process the information are important. The students' ability of getting deep knowledge and autonomous learning is limited. Also there are a part of students accessing information in a single way, who always rely on Internet search engine and do not know how to deal with them after getting a lot of clutter information. (3) The information moral is poor. Do not pay attention to Information security, privacy, intellectual property and can not resist the bad information. In order to seek novelty or for fame and wealth, college students do not respect the work of the information creator, do not comply with the information regulations, often do something immoral, or even violate the law.

4 The Way of Information Literacy Education for College Students in University Library
Library has the functions of collection, transmission and education. The university library has advantages of information literacy education for college students in terms of the resources, technology, talents and environment. Regulations of common colleges and universities library (revised) make a clear regulation that one of five tasks of university library is carrying out the information literacy education, cultivating readers' information consciousness and the ability to obtain and making use of the literature information. How to make good use of advantages, and take the college students' information literacy
education as responsibility of the librarians, is the continuously extension of library services and the way to make university library energetic.

4.1 Take advantage of the library information resources
University library has a lot of information resources, not only accumulates the positive outcomes of the science and culture development in the history, but also collects the new achievement of the development of the modern science and technology, from the top to the edge disciplines and the interdisciplinary, allowing the all kinds of collection, comprehensive and coherent system, and large quantity. All these characteristics are incomparable as for any other new information service institutions. Library’s literature resources should be continuously adjusted, not only meets the school professional settings, and also pays attention to the distinctive collection. Librarians should guide readers to read more books, read good books in the service, improve the cultural quality by reading, inspire readers’ enthusiasm to use and access information resources by carrying out reading activities.

4.2 Taking the advantages of the internet
Information literacy education at college of London University, United Kingdom, is listing training items, including academic skills, self-management skills, interpersonal skills etc. on the home page of school, to improve students’ information literacy through online training. University library can use the Internet to connect the libraries of different universities, different areas and different nations, to form the library wan, though which may involve the issue of information open and limit. Many universities build library homepages of their school, the content of the page includes reader services, information services, digital resource levels, all kinds of lecture reports, the library news etc. To make good use of library talent advantage and network advantage, do a good job in information transfer, gathering and processing, and do a good job in consulting, training, seminars and others. Ask students to improve their information consciousness and information skills.

4.3 Using literature retrieval course to educate the students’ knowledge of information literacy
The literature retrieval course is one of the main ways to improve college students’ information consciousness and information ability. Up to now it is one of the main forms of comparison system information education in colleges and universities. We should not only pay more attention to value of literature retrieval course, but also improve the ability designing course. Because the literature retrieval course teaching content is closely related to science and technology and information technology development, therefore, with the development of science and technology level and the increase of social information and the amount of information, the content of the document retrieval course have increased and updated constantly. Since different students focus on different aspects, teachers should give more information about the knowledge of information technology. For example, junior students put more emphases on the information knowledge and skills, and senior students repay attention to the evaluation and the use of information. Therefore, teachers should use the method of the discussion, practice, interaction and inspiration to stimulate their interests and develop the information skills through practice in the course of information retrieval. What’s more, teachers have to teach students the information consciousness, information knowledge, information method and information responsibility in a planned way.

4.4 Connecting the schools with other units to establish information literacy education platform
At present mainly education and library intelligence engaged in research on information literacy. There is not a communication platform between them, thus, it causes the scattering of forces, lacking of propaganda, the phenomenon of repeated research. The research at abroad put more emphasis on the cooperation of diverse departments and industries. Such as the forum of information literacy with 75 department founded in 1990 in United States, this is a cross-industry and cross-department cooperation organizations, and government departments are also involved in the information literacy of BBS
communication. (1) The integration of the school education platform. United teachers, librarians, and other staff members form a kind of strength within the scope of the school education of information system and combine specialized subject and information literacy education. (2) The integration of information resources and information education of certain areas. With support of the government and leading of the university library, the local libraries and information institutions ensure the improvement of the information literacy education. Researchers can share resources between each other. Lectures on information, personnel training and exchange, inviting study Tours and other activities are held to make the information become more open to others.

5 Conclusion

In the 21st century, the central theme of the higher education is to cultivate high-quality innovative talents and cultivate students' information literacy. The development of the Internet, the huge amounts of digital resources and the improvement of technology and so on are challenges to college students. Information literacy education is an eternal topic, which requires us to keep pace with the times, adopt new methods of information literacy education.

Acknowledgements:
This research was funded by the “Study of quality education of farmers provided by university libraries under the condition of urbanization and informationization” (13457420, Science and Technology Department of Hebei Province).

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