

# Exploration of the Application of Modern Information Technology in the Teaching of Criminal Law



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**Abstract:** With the arrival of the information age, modern information technology is more and more widely used in the teaching of criminal law, injecting fresh blood into it and revitalizing the discipline of criminal law. However, the use of modern information technology by criminal law teachers in the practical teaching of criminal law often fails to achieve the expected results, which indicates that the level of modern information technology mastered by criminal law teachers needs to be improved. In order to stimulate students' interest in learning criminal law in the new era, teachers of criminal law need to give full play to the advantages of modern information technology, and not only reasonably use cell phone APP function, micro classes and short videos and other skills to improve the level of modern information skills of their own teachers in the teaching of criminal law, but also pay attention to the organic fusion of the teaching method and modern information technology, highlighting the key points of the teaching, and focusing on the teaching effect.

**Keywords:** information technology; criminal law; teaching; application; analysis

With the arrival of the internationalization era and the deepening of the concept of quality education, teachers of criminal law need to change their teaching philosophy and make corresponding adjustments in teaching methods and teaching content. In order to better adapt to the changes of the new era of curriculum and teaching reform, it is necessary for criminal law teachers to use modern information technology in teaching. Teachers need to integrate the Internet technology in criminal law teaching, so that students wander in the vast Internet resources, explore their own needs of criminal law knowledge, and draw nutrition from it.

## 1. The Application of Modern Information Technology in the Teaching of Criminal Law is the Inherent Requirements of the New Curriculum Reform

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First, the use of information technology to create a situation, is conducive to stimulate students' interest in learning. Criminal law is relatively abstract, boring, through the multimedia teaching means of color and light, sound and image and other functions, can be case video vividly presented to students. Compared with the boring text of books, video teaching has a variety of video and audio, pictures and animation, which can arouse students' interest in learning and mobilize students' interest in learning criminal law. (Liu, 2020) Students' interest does not come out of nowhere, but needs to be aided by a certain context. Only the use of traditional teaching methods to instill students with obscure knowledge, students can only passive learning, and information technology can be used sound, images, animation, video and other ways of combining static and dynamic reproduction of the case scene, demonstration of the development of the criminal case, and create a problem to explore the situation, to

give college students a sense of immersion.

Secondly, modern information technology can optimize the effect of criminal law classroom teaching. For the abstract and complex legal knowledge in criminal law, it is difficult for teachers to speak clearly by verbal expression alone, and it is not easy for students to understand in the real sense. Modern information technology can show more case information through video, pictures and other diversified resources, the abstract and complex knowledge of criminal law more intuitively in front of the students, so that it is easy to understand, but also can effectively cultivate the students of criminal law discipline literacy. At present, the criminal law teacher's teaching task is becoming more and more heavy, if you want to take into account the teaching task on the basis of the traditional way to prepare the lesson, often twice as much as half the effort. Through modern information technology, criminal law teachers can share high-quality teaching resources such as courseware, micro-courses and learning materials in a visual way for college students to learn. In this way, criminal law teachers can have more time and energy to carry out new curriculum reform and achieve good teaching results.

Thirdly, modern information technology can promote the innovation of criminal law teaching mode. In the traditional criminal law classroom, college students are generally subordinate to the teacher, regard the teacher's words as authority, copy the criminal law teacher's way of thinking, passively accept the criminal law knowledge taught by the teacher, and the teacher plays a dominant role in the students' learning. In the new era of criminal law classroom teaching, teachers need to innovate the concept of teaching, from the dominant criminal law learning of college students to the leader. In the information technology teaching mode, the criminal law teachers will upload the courseware, extracurricular expansion content, homework, etc. to the teaching information platform, providing students with diversified learning channels, giving full play to the role of the main body of the students. In this way, the source of learning knowledge channels are broadened, and the time, content and progress of students' learning can be mastered by themselves, so

that learning is more independent (Lei & Shen, 2018).

## **2. Bottlenecks in the Application of Modern Information Technology in the Teaching of Criminal Law**

With the advancement of curriculum reform in the new era, the application of modern information technology in the teaching of criminal law still has many problems. At present, some of the criminal law teachers on the application of modern information technology is not enough, in the classroom only use multimedia to display and explain the knowledge points, while more teaching functions of the Internet teaching equipment is not developed and utilized, the Internet in the teaching of criminal law presents the characteristics of simplicity and repetition, and it is difficult to mobilize the enthusiasm of the students to learn criminal law. (Ning, 2020) This shows that the mastery of criminal law teachers of modern information technology needs to be improved. The relevant data of questionnaire survey and actual research show that in the front-line practice of criminal law teaching, there are still some teachers who only know how to use the basic functions, unable to give full play to the advantages of modern information technology, and the degree of mastery of modern information technology by young teachers is better than that of older teachers. Most of the criminal law teachers are able to master the teaching APP uniformly used in their own schools, thanks to the regular training organized by the universities and the conscious awareness of the criminal law teachers.

Teachers of criminal law are not able to effectively use modern information technologies in the practice of teaching criminal law. In order to stimulate students' interest in the newly taught criminal law courses, teachers of criminal law most often use modern information technologies in the classroom, and even more so in public lectures. If criminal law teachers are not familiar with modern information technology, it is difficult for them to grasp the pace of teaching, which leads to students not being able to keep up with their thinking, and it is troublesome and time-consuming to prepare a large amount of classroom preparation before class, as well

as to prepare the supporting courseware and teaching resources, and if the preparation is not adequate, the teaching is easy to turn into a “textbook moving”, and the classroom is often reading from a textbook and reading from a PowerPoint presentation. Some criminal law teachers overemphasize the computer equipment as the center and ignore the communication and interaction between teachers and students, and there are almost no other boards on the blackboard except the title in a lesson. The reason why criminal law teachers are unable to effectively use modern information technology stems from their own lack of information technology literacy, lack of modern information technology theoretical guidance, and unfamiliarity with the operation of multimedia equipment in the age of information technology.

### **3. The Path of Scientific Utilization of Modern Information Technology in the Teaching of Criminal Law**

In the face of the problems existing in the use of modern information technology in the teaching of criminal law under the background of the informationization era, the teachers of criminal law need to use the following methods to effectively integrate the teaching of criminal law with modern information technology and explore the path of scientific use of modern information technology.

#### **3.1 Scientific use of cell phone APP function in criminal law teaching**

As we all know, many colleges and universities do not support college students to carry cell phones during school, but the learning function of cell phones is very powerful, in recent years, there have been quite a lot of learning software has been developed, such as Dingding, Learning Pass, Rain Classroom, etc., these software is very important for students to learn the role of the auxiliary. If colleges and universities support students to use cell phones to carry out information technology education, in this kind of teaching environment, criminal law teachers can be brave to try to break through the traditional teaching mode, in the teaching of criminal law to give full play to the auxiliary role of cell phones.

For example, before giving college students a lesson, criminal law teachers can push micro

classroom through the “Dingding” APP for students to learn basic knowledge independently, improve students' ability to interpret and obtain information, and let students complete the relevant content of the counseling materials, so as to understand the independent learning situation of college students, find problems, and provide the basis for the classroom targeted development. Provide the basis for the targeted development of the classroom. Through the “Learning Pass” APP, the “Learning Task List” is sent to college students, so that they can clearly define the learning objectives, important and difficult points, and learning methods of this class, so that they can better carry out independent pre-study, carry out group cooperative exploration before the class, and upload the results by taking pictures through the “Learning Pass” APP. The students can take pictures and upload the results through the “Learning Pass” APP, so that they can check the learning feedback in the “Learning Pass” APP, understand the independent learning situation of the students, and sort out the problems of the students. In the production of criminal law teaching APP should pay attention to set up relevant modules according to the teaching needs, increase the animation content and effect, in order to add students' visual experience and interest; rich option settings, rich case content, increase the amount of information; easy to operate, easy to use, so that students will accurately grasp the relevant knowledge points and applications in a fun and entertaining way like watching the news; enrich the mode of teaching, on the basis of the traditional education experience, to promote the development of legal education faster. Promote the faster development of legal education is bound to produce a more positive effect (Li & Chen, 2018).

In addition to playing the role of cell phones in students' pre-course preparation, the role of cell phones in mobilizing the atmosphere of the criminal law classroom is also very important, especially the use of “Rain Classroom” APP. In the classroom teaching, the criminal law teacher let the students combine the specific content of the book for group discussion, and open the “Rain Classroom” pop-up function, let the group send a representative on the cell phone to play the results of the group's

discussion on the pop-up screen, the teacher and the students can be in the discussion of time in a timely manner to observe the results of the group's discussion, the teacher can be selected to generate a word cloud at the end of the discussion, the teacher can be used to generate a word cloud. At the end of the discussion, the teacher can selectively put the word cloud generated by the pop-up screen on the big screen. The pop-up function of "Rain Classroom" not only makes the results of the group discussion clear at a glance, from which the teacher can get feedback, but also saves the time of discussion report while giving full play to the subjectivity of students. Admittedly, the study aids of cell phones are certainly powerful, but there are also negative problems brought about by cell phones. Although college students are more mature, but in front of the cell phone full of all kinds of tempting information, self-control seems to be unbearable, if the college students and teachers can reach a consensus in the management of cell phones, I believe that the use of cell phones can greatly help the effective use of modern information technology in the teaching of criminal law and promote the innovative development of the traditional teaching mode.

### **3.2 Enhance the level of modern information technology of criminal law teachers**

Teachers of criminal law are the main body of modern information technology in the teaching of criminal law, and they need to have information technology awareness and literacy in order to give better play to the advantages of modern information technology. The reality of the first-line teaching of criminal law is that the teaching of experienced older teachers in professional knowledge than the new generation of criminal law teachers tend to be stronger, and in the level of information technology, the new generation of criminal law teachers tend to be better, they are more skillful in the operation of computer multimedia technology. Criminal law teachers in colleges and universities should adapt to the changes brought by the curriculum reform in the new era as soon as possible, enhance their own information technology awareness and improve the level of modern information technology without delaying their teaching tasks, and make good use of

teaching resources such as videos, games and micro classes in teaching, so as to enhance the interesting of criminal law classroom teaching.

The editing and processing of videos reflect the level of modern information technology of criminal law teachers. Websites such as law websites, bilibili has a large number of video resources related to criminal law and suitable for teaching criminal law. However, downloading the video is a problem. Although the URL of the video can be linked directly in the PPT, the criminal law teachers will be limited by the smoothness of the network when playing the video. If you want to edit the video suitable for teaching criminal law, you will generally copy the URL to the "Shuoshu" software, and then use the "Format Factory" to convert the video format, and then use the "Seewo Easinote 5" tool to trim the video, and finally insert the video into the video. tools to trim the video, and finally inserted into the PPT. It can be seen that the level of modern information technology of criminal law teachers determines the skillfulness of the use of video.

A wonderful courseware requires the producer to systematically master the multimedia teaching theory and skills in the context of the information age, which requires the school to arrange for teachers to modernize the teaching training to help them improve the level and effect of multimedia courseware production. (Wu, 2012) Thus, colleges and universities need to pay attention to activities related to organizing teachers' information technology skills training. Teachers of criminal law should actively participate in training such as the Information 2.0 Project, continuously improve their own informational literacy, and become skilled in the operation of relevant modern information technology. The times are progressing, criminal law teachers only with the times, with lifelong learning attitude will not be eliminated by the times.

### **3.3 Organic integration of teaching methods and modern information technology**

The advantage of modern information technology in stimulating the interest of college students in criminal law is obvious to all, making up for the shortcomings of the traditional teaching of "chalk + blackboard". In the traditional teaching of

criminal law, criminal law teachers can only teach the textbook, a lot of abstract, boring and difficult to understand the knowledge points, rely solely on the teacher's dictation and the board is difficult for students to truly grasp and understand, and the information age background of multimedia teaching can be these issues through the form of tables, pictures, materials, videos, cartoons and other forms of intuitively presented to the students, abstract into concrete, multi-angle to stimulate students to think, and help students to improve their understanding of the classroom content. And help students improve their understanding and analyzing ability of the classroom content. There is another situation, criminal law teachers let the PPT completely replace the board, the main points are put on the PPT, a whole class down on the blackboard in addition to the title almost can not see the other board. Each college student is unique, their knowledge of PPT reception degree is different from person to person, or strong or weak, if we rely on modern information technology and ignore the traditional board, it will be difficult to take care of some students. Due to the frequency of multimedia courseware switching faster, college students in the process of criminal law learning, although they can perceive more learning content and knowledge, but in the systematic combing of knowledge has certain deficiencies. Therefore, criminal law teachers can use the traditional form of the board on the blackboard to sort out the framework, through simple writing and reasonable layout to strengthen the teaching content of this course.(Jiang, 2019)

### **3.4 Highlighting the important and difficult points of the teaching materials and focusing on effectiveness**

In the first-line teaching practice, criminal law teachers in the use of modern information technology to assist teaching, in order to make the teaching content more rich, ignoring the textbook has important information, deviating from the textbook to spend a lot of time to find outside the textbook graphic materials. University textbook is an important tool for college students to learn criminal law knowledge, if the criminal law teachers only to pursue the criminal law classroom “quantity” and do

not pay attention to the “quality”, full of irrigation, the teaching content can be said to be rich, but the college students of criminal law knowledge of the important and difficult points of the fuzzy, really understand and master but very little. The real understanding and mastery is very little. University textbook is the main tool for college students to review in the future, criminal law teachers do not pay attention to guide students to understand the content of the textbook in teaching, undoubtedly is a low-yield teaching. Therefore, criminal law teachers need to deeply explore and carefully analyze the content of criminal law teaching materials while using modern information technology to teach.

At the same time, criminal law teachers apply micro classes to the teaching of criminal law, which is conducive to the interaction and communication between teachers and students. In the micro course platform covers a number of teaching systems, including: courseware learning, online communication, classroom exercises and post-course evaluation, etc. Through the interaction between students and the interaction between teachers and students, it is more conducive to the students' comprehensive understanding and mastery of knowledge, and the students can learn and communicate with each other by using fragmented time, and the students are able to master more key and difficult knowledge. (Lu, 2021) In addition, criminal law teachers can only analyze the teaching difficulties and difficulties, and formulate practical teaching objectives, in order to do in the teaching of the target. Criminal law teachers use modern information technology to display criminal law material, to fit the cognitive level of students, accurate delivery of criminal law information, pay attention to the effectiveness, in order to help the realization of the teaching objectives. Criminal law teachers should understand in their minds that the use of modern information technology is to serve the classroom and students, rather than simply using modern information technology.

### **Conclusion**

Modern information technology is on the rise and the development is unstoppable. With the arrival

of the information age and the continuous development of the new era of curriculum reform, modern information technology plays an indispensable and important role in the teaching of criminal law. Under the background of the information age, the criminal law teachers use multimedia teaching means in the teaching of criminal law, for the different teaching contents and objects, the resources and information reasonably collocation, can visualize the criminal cases, so that the teaching environment is more economical and direct. (Si & Bai, 2013) Under the background of the informationization era, teachers of criminal law cannot ignore the importance of information technology in stimulating the interest of college students in learning criminal law, improving the efficiency of university criminal law teaching, and promoting the innovation of criminal law teaching mode. At present, part of the criminal law teachers in the university criminal law teaching practice, can not effectively use modern information technology, the mastery of information technology needs to be improved. In order to effectively use modern information technology, criminal law teachers in colleges and universities should reasonably use the cell phone APP function, micro classes and artificial intelligence and other skills in the teaching of criminal law, improve their own informational level, pay attention to the organic fusion of the traditional teaching method and information technology, highlight the important and difficult points of the teaching, and pay attention to the effectiveness. Teachers of criminal law in colleges and universities should establish the attitude of lifelong learning, constantly explore and reflect in teaching practice, and effectively play the advantageous role of modern information technology in the teaching of criminal law in colleges and universities.

### Conflict of Interest

The author declares that she has no conflicts of interest to this work.

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