

Deep Integration of Enabling Class Competition Based on Intelligent Teaching Platform ---Innovative Cases of Information-Based Teaching in the Course of Appreciation of Chinese Classical Literature Masterpieces

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Abstract: In order to solve the pain points of the course of appreciation of Chinese classical literature, such as single teaching mode, low participation of students, difficult landing of cultural education, and disconnection between theory and practice, the course team relies on online wisdom teaching platforms such as wisdom tree and rain classroom to deepen the reform of online and offline hybrid teaching, so as to promote the teaching of Chinese classical literature. Innovation and construction of a new classroom teaching mode of "intelligent platform empowerment, deep integration of classes and competitions, improvement of humanistic literacy, and review of information data".

Keywords: Information-based teaching; Innovative cases; Improvement of humanistic quality

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1. Curriculum construction

1.1 Overview of Online Course Construction

Since September 2017, Online Courses Have Been Set up to Strictly Meet the Standards for the Construction of Golden Class at the School Level, and to Complete the Development of a Complete Set of Digital Teaching Resources and Curriculum System. The Wisdom Tree Platform Was Officially Launched in September 2019, and the First-Class Undergraduate Course in Liaoning Province Was Approved in 2021. At Present, It Runs for 10 Semesters, Serving 3636 Students in the Whole School and 6635 Students in the Whole Country. The Total Number of Interactive 74971.

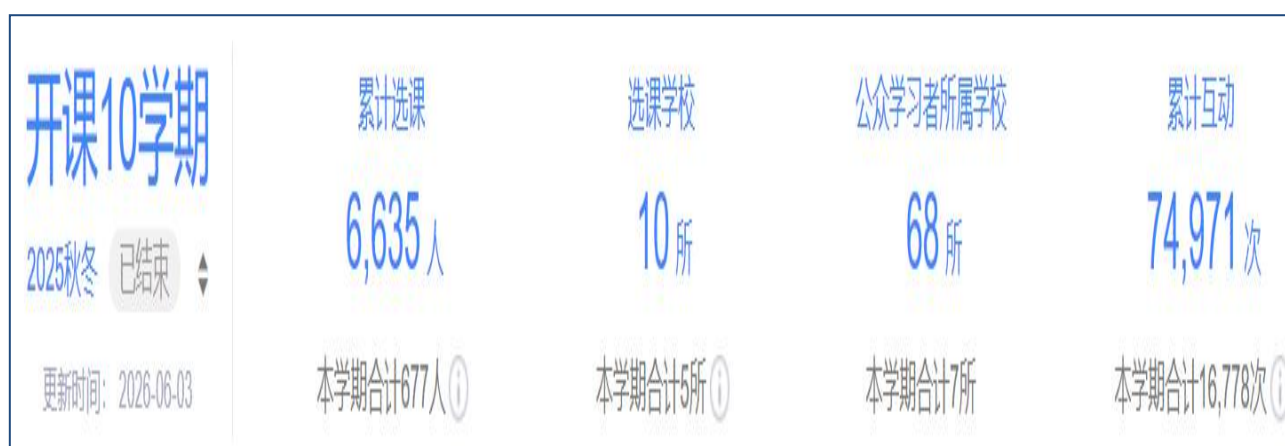


Figure 1 Operation of Smart Tree Platform

The Overall Design of the Course Adopts the Thematic Teaching Mode, and Many Teachers Divide Their Work to Cultivate the Corresponding Topics and Polish the Teaching Content Repeatedly, So as to Ensure That the Knowledge Points Are Accurate, the System Structure Is Reasonable, and the Content Explanation Is Vivid, Which Meets the Students' cognitive Level and Learning Needs. There Are Seven Teaching Chapters in the Course, and Each Topic Is Independent, Complete and Logical. The Total Teaching Video Duration Is 350 Minutes, with 31 Online Teaching Videos, 22 Expanding Teaching Resources, 160 Chapter Test Questions and 2 Sets of Standardized

Final Examination Questions. The Resources Cover the Whole Teaching Links of Pre-Class Preview, In-Class Training, After-Class Consolidation and Assessment.

1.2 Core Teaching Content System

The course breaks the single text interpretation mode of traditional literary appreciation, integrates literature, art, moral education and traditional culture, and constructs a three-dimensional content system of "literary appreciation + cultural infiltration + character cultivation". The seven thematic teaching contents are as follows:

Chapter One Elegant Tea Fragrance and Long Tang Rhyme — — Tang and Song Poetry Immersed in Tea Culture

Chapter Two: Persistence, Tenacity and Perseverance — — Interpretation of Liu Yuxi's Poems

The third chapter is the analysis of the female images in Chinese classical drama.

Chapter IV Honesty and Credibility — — Chinese Traditional Culture and College Students' Moral Cultivation

The fifth chapter is filial piety, love the family and serve the country-Chinese filial piety culture and the cultivation of college students' character.

The sixth chapter is to take the people as the foundation of the world and to see Confucius's sense of hardship from the Analects of Confucius.

Chapter Seven: Sincere and Pure, Persistent and Single-minded — — An Interpretation of Love Poems in The Book of Songs

2. Curriculum implementation

2.1 Analysis of learning situation

Students have strong enthusiasm for classroom participation, and have strong interest in various practical and experiential learning activities, such as poetry reading, situational deduction, results display, classroom interaction, etc., which are no longer confined to the traditional one-way learning mode. At the same time, students generally have the consciousness of self-improvement and active growth, and are willing to hone their comprehensive abilities and display their personal learning achievements through diversified platforms such as subject competitions, stage performances and works creation, which lays a solid foundation for the implementation of the innovative teaching mode of the integration of class competitions.

Combined with daily teaching practice, it is found that students have some problems, such as scattered poetry appreciation methods, insufficient depth of cultural interpretation, weak ability of knowledge transformation, etc., which make it difficult to combine the knowledge of poetry and prose, aesthetic perception with digital creation and output of achievements, and lack of systematic and professional guidance to improve their comprehensive literacy. Based on the characteristics of the learning situation, the course urgently needs to rely on the intelligent teaching platform to innovate the teaching form, introduce multiple digital resources, systematically teach the appreciation method, build the display channel of students' achievements through the integration of class competitions, change students' passive listening into active exploration, active expression and active practice, and realize the deep unity of knowledge imparting, aesthetic cultivation and cultural education.

2.2 Teaching objectives

2.2.1 Knowledge Objectives

To train students to understand the main contents of classical works of ancient Chinese literature, to master the thoughts, emotions, themes and artistic features of the works, and to clarify the relationship between literature and art and culture, society and people.

2.2.2 Competency objectives

He has a strong ability to analyze and appreciate literary works, and has a profound literary background.

2.2.3 Quality objectives

It has a sense of autonomous learning and lifelong learning, great patriotism, strong national self-esteem, social responsibility, and a sense of mission to inherit and carry forward the excellent Chinese culture.

3.The main problems to be solved in curriculum and teaching reform

3.1 The teaching method is traditional and the form is single.

Teachers'teaching and text analysis are the main methods, "cramming" is the majority, interaction, experience and inquiry are insufficient, and the classroom atmosphere is dull.

3.2 Absence of Appreciation Method Teaching

Only analyze the content of the work, do not systematically teach appreciation ideas, appreciation methods, students "understand the lesson, they will not appreciate".

3.3 Shallow application of informatization

Although courseware, video and other tools are used, they are only used as supplements to text and pictures, failing to make full use of the intelligent platform to carry out interactive inquiry and immersion learning, and the integration of technology and teaching is not high.

4.Teaching design ideas

The whole course relies on digital teaching, intelligent interactive tools, data analysis and online resources.

The five core information technologies of source sharing and process intelligent supervision realize the innovation of teaching mode and the transformation of learning mode. The specific applications are as follows:

4.1 Wisdom Tree Online Course Platform (Core Online Teaching Carrier)

Cloud deployment of modular resources: teaching videos, chapter question banks, courseware and expansion materials are regularly opened online to support students' fragmented autonomous learning and break through the time and space constraints of traditional classrooms.

Accurate release of online tasks: Directional push of pre-class preview, flipped class homework, chapter discussion, and offline meeting notice, to achieve hierarchical and time-sharing precise landing of teaching tasks.



Figure 2 Wisdom Tree Platform Push Pre-class Discussion

The whole process of learning data retention: automatic statistics of video progress, test completion rate, learning time, posting interactive data, to provide objective support for learning situation analysis and teaching evaluation.

Dynamic intelligent supervision: the background monitors the learning progress in real time, reminds and warns the students who have not completed the task, and realizes the fine teaching management after class.

National resource sharing and empowerment: courses are open to universities and the public across the country to promote the digitalization and inclusive dissemination of high-quality general education resources.

4.2 Rain Classroom Intelligent Interactive Teaching Tool (Core Tool of Flipped Classroom in Class)

Intelligent classroom management: online one-click check-in, efficient and standardized attendance, and simplified teaching management process.

Real-time in-class assessment: Quickly release classroom exercises and quizzes, the system automatically corrects, instantly scores, and quickly detects the mastery of knowledge.

Big data analysis of learning situation: automatically generate correct answer rate, error-prone knowledge points and learning situation reports to help teachers accurately locate key and difficult points, so as to achieve learning-based teaching and precise teaching.



Fig. 3 Learning Data of Rain Class

Real-time classroom interaction: support online topic discussion, bullet screen interaction, question-and-answer submission, break the silent atmosphere in the classroom, and improve the efficiency of teacher-student and student-student interaction.

4.3 Online Interactive Discussion and Community Technology

Relying on the Dual-Platform Discussion Area to Build an Online Research Community, Support Students to Post, Reply, Exchange and Discuss Around the Clock, Break Through the Traditional Classroom Limited Interactive Scene, Realize the Continuous Collaborative Learning of Pre-Class Discussion, In-Class Communication and After-Class Extension, and Cultivate Students'ability of Independent Inquiry and Cooperative Learning.



Figure 4 Analysis of discussion learning situation

4.4 Creation and Display of Digital Works (Core Technology of Class and Competition Integration)

New media visual creation technology: support students to produce short videos and graphic design works with traditional cultural themes, realize digital and innovative expression of classical literature knowledge, guide students to participate in national and provincial academic competitions, and implement competition to promote learning and innovation.

4.5 Diversified Intelligent Process Evaluation Technology

Relying on the platform data automatic recording + online mutual evaluation module, a digital evaluation system is constructed: the system automatically quantifies online learning data, combines online student-student mutual evaluation, student self-evaluation and teacher online evaluation, realizes process, diversification and digital teaching evaluation, and replaces the traditional single final assessment mode.

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