The composition of blended learning system

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What is a blended learning system?

What are the components of a blended learning system?

Summary of blended learning systems.
What is a blended learning system?
A blended learning system is a teaching model that combines the advantages of online and offline teaching to provide students with a more flexible, rich and personalized learning experience.
What are the components of a blended learning system?
What are the components of a blended learning system?

01. Online teaching platform
02. Offline teaching classroom
03. Teaching management support
04. Technical Support and Maintenance
05. Learning evaluation and feedback
06. Integration of educational resources
07. Teaching design and strategy support
Online teaching platform

Teachers can upload course materials, teaching videos, courseware, etc. to online platforms for students to access and learn anytime, anywhere.

Course resource sharing

Students can interact and communicate with teachers and other students on the platform, such as asking questions, discussing, collaborating, etc.

Interactive communication

The platform can provide online quizzes, homework and other functions, making it convenient for teachers to timely understand the learning situation of students and adjust teaching strategies.

Online quizzes and assignments

The platform can conduct real-time analysis of student learning data, helping teachers and students better understand learning progress and effectiveness.

Learning Data Analysis
Construction Courses online (SCH+EN)

National level & Provincial Level
Offline teaching classroom

Face to face interactive communication
Students can engage in face-to-face interaction and communication with teachers and other students in the classroom, delve deeper into problems, and improve learning outcomes.

Practical operation and experiential learning
In the classroom, activities such as practical operations and experiential learning can be arranged to help students better understand and master knowledge.

Group collaboration and project-based learning
In the classroom, activities such as group collaboration and project-based learning can be organized to cultivate students' teamwork and problem-solving abilities.
Build a national industry-education integration platform

10 on-campus laboratories & 4 training bases
The system needs to manage student information, including student status management, grade management, etc.

**Student Management**

The system needs to support teachers in formulating teaching plans, arranging course schedules, etc., to ensure the smooth progress of teaching.

**Teaching plan and scheduling management**

The system needs to support teachers in managing teaching resources, including course materials, teaching videos, etc.

**Teaching resource management**
Technical Support and Maintenance

Network technical support

The system needs to provide stable network technical support to ensure the smooth progress of online teaching.

System Platform Maintenance

The system needs to provide regular system platform maintenance to ensure its stability and security.

Technical training and guidance

The system needs to provide technical training and guidance for teachers and students to help them better use blended learning systems.

In summary, the blended teaching system consists of multiple parts, including online teaching platforms, offline teaching classrooms, teaching management support, and technical support and maintenance. These components collaborate with each other to provide students with a more flexible, rich, and personalized learning experience.
The system needs to evaluate students' online and offline learning processes, understand their learning habits, progress, and effectiveness.

The system needs to evaluate the results of students' online and offline learning, and understand their mastery of knowledge through various evaluation methods such as tests, assignments, and projects.

The system needs to provide feedback and suggestions to students based on the results of learning evaluation, while helping teachers adjust teaching strategies and optimize teaching methods.
The blended teaching system needs to integrate the following educational resources:

**Course Content Resources**

The system needs to provide rich course content resources, including text, images, videos, audio, and other forms.

**Online learning tools**

The system needs to provide online learning tools, such as learning management systems, online testing systems, etc., to help students better engage in self-directed learning and self-evaluation.

**Offline teaching resources**

The system needs to integrate offline teaching resources, such as classrooms, laboratories, libraries, etc., to provide necessary hardware support for blended learning.
Develop Resources & Build Courses (SCH+EN)
Compile textbooks
Teaching design and strategy support

Teaching design support
The system needs to provide teaching design support that conforms to the concept of blended learning, including course design, teaching activity design, etc.

Policy formulation support
The system needs to provide strategy-making support that meets students' needs and learning characteristics, such as personalized learning plan and learning path planning.
Summary
The blended teaching system is a complex system composed of multiple parts, including online teaching platforms, offline teaching classrooms, teaching management support, technical support and maintenance, learning evaluation and feedback, educational resource integration, and teaching design and strategy support. This system aims to provide students with a more flexible, rich, and personalized learning experience, while improving teaching efficiency and student learning outcomes.