WebAssign.

Smart teaching. Inspired learning.

Partnering with
WebAssign
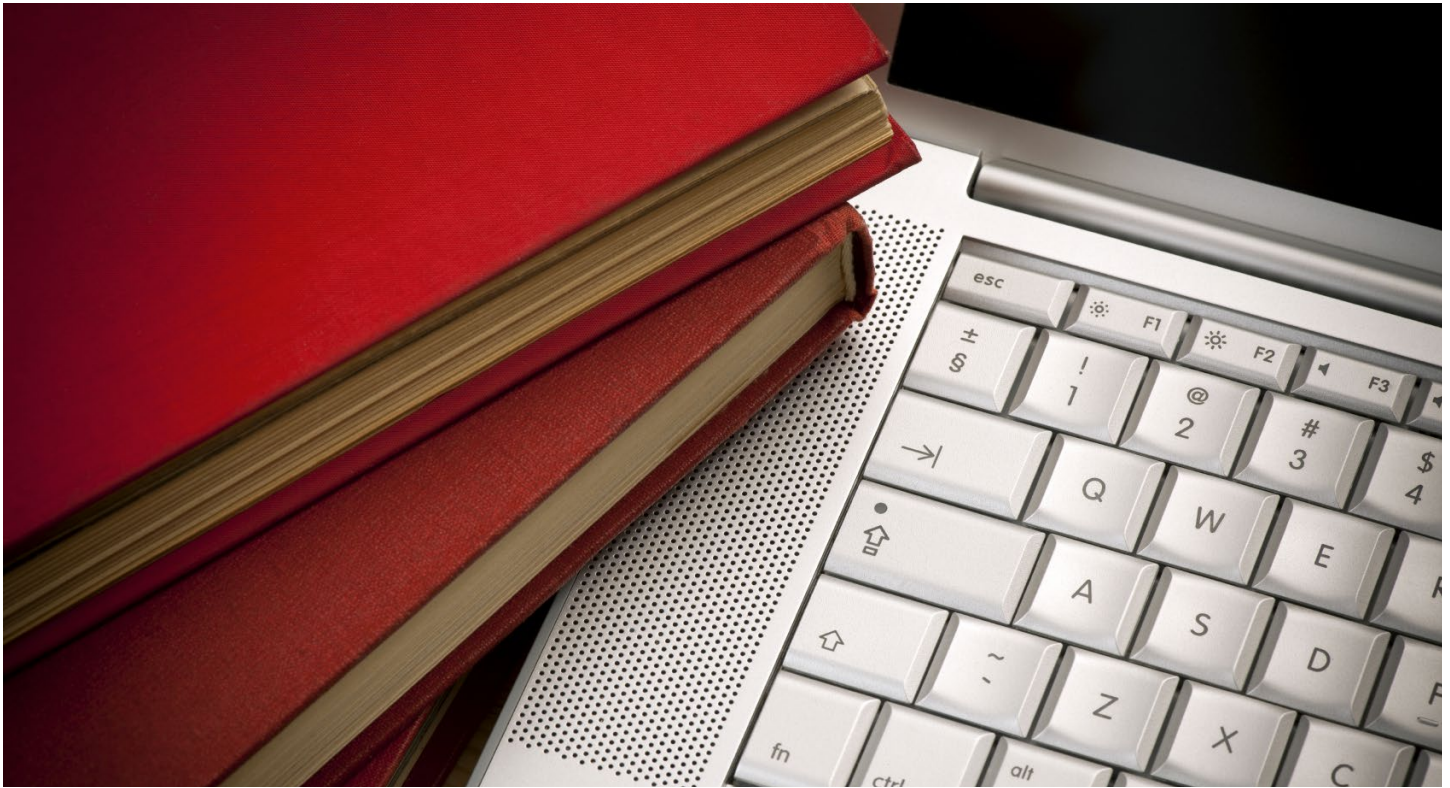
Enrich your content with our
powerful online solutions.

Web**Assign**®

WebAssign® provides a feature-rich, multimedia, online learning experience that supports your content. Our team of subject matter experts turns your textbook questions into dynamic and randomized online questions. We also offer our own original content and resources to supplement or fully support many courses and textbooks. In addition to generating online questions, we work with our publisher partners to provide teachers and students with rich tutorial content, videos, eBooks, and advanced teaching tools.

WebAssign enables instructors to better manage administrative tasks and helps them meet their teaching goals. What's more, students develop a deeper conceptual understanding of the subject matter through reinforced practice and instant feedback from WebAssign's automatic grading system.

WebAssign is Unique

For more than fifteen years, WebAssign has operated as an independent company and partnered with leading academic publishers to provide an extensive selection of textbooks for higher and secondary education. Founded by a physics professor at North Carolina State University, WebAssign also partners with colleges and universities to deliver a wide range of faculty-authored content.

Over 50% of our staff has prior teaching experience and members of our content creation team are subject matter experts in math, statistics, physics, chemistry and more. We are committed to superior customer service – our sales force and customer support team work directly with faculty and students to ensure the best customer experience.

As a registered benefit company, our focus is to enhance the pedagogical vision of the faculty and foster the success of the student. Instructors using WebAssign trust us to provide the content, services, and tools that align with their teaching goals.

Features & Capabilities

Following are some of WebAssign's notable features and capabilities to augment your textbook content, strengthen your customer relationships, and expand your market reach.

Contents

1. Creating Assignments

2. Content Options

3. Grading

4. Communication

5. Secure Testing Environment

6. Comprehensive Support

Creating Assignments

One of WebAssign's fundamental features is its flexibility in assignment creation and scheduling. Our assignment building features support classroom customization to meet specific teaching goals and our scheduling tools save the instructor valuable time during course setup and ongoing administrative management.

Features

CHEATING PREVENTION

- Randomization options are available, including randomizing the question order.
- Questions can be fully algorithmic and use randomized values.
- Instructors can set up question pools to give students different questions from the same subject matter focus.
- Instructors can add secure testing and time restrictions as well as require prerequisite assignments.

TIME SAVINGS

- Prebuilt assignment templates are fully customizable.
- Assignments can be copied to additional courses and shared with other users.

ANALYTICS

- Each question displays the average student time-on-task, a difficulty index, and the frequency of question usage. As instructors add questions to an assignment, the total time-on-task is recalculated, enabling instructors to determine approximate homework effort level.
- Difficulty settings allow instructors to see the percentage of students who got the question right on the first try.

CUSTOMIZATION

- Questions can be duplicated and adapted for specific classroom needs.
- Instructors can create brand new questions.
- Questions can be weighted differently.
- Instructors have full control over which help tools and resources the students see and when they are able to see them.

Content Options

Instructors appreciate the ability to choose from a bank of both publisher-specific questions and subject-specific questions to configure question and assignment behavior based on a wide variety of options. Your content can be supplemented with WebAssign's own original content question collection that covers all concepts from key course areas. Thousands of questions with solutions, tutorials, and feedback have been authored and peer-reviewed by practicing educators with years of teaching experience.

Publisher-based questions can also be populated with student help tools, such as tutorials, eBook links, or videos. Using WebAssign's Resources Tool, instructors can also include any of their own additional teaching resources such as syllabi, grading rubrics, slide presentations, videos, supplemental reading materials, and additional questions directly into WebAssign.

Features

QUESTION ADD-ONS
- Tutorials
- Feedback
- Solutions
- Videos
- Show My Work
- Practice Another Version
- Personal Study Plan
- Course Packs

QUESTION TYPES
- True/False
- Multiple-Choice
- Multiple-Select
- Essay
- Image Map
- Matching
- File-Upload
- Poll

- Fill-in-the-Blank
- Symbolic
- Numerical questions that specify significant figures or decimal places
- Algebraic
- Expandable Matrix
- Graphing

Content Options

Personal Study Plan

WebAssign's innovative Personal Study Plan (PSP) is an easy way to deliver self-paced help and test preparation to students. The PSP is a set of customized content, practice quizzes, chapter quizzes, and targeted instructional materials that students use to learn, practice, and test their knowledge of the class material, all at their own pace. Created to support full textbooks, the PSP also can be used as a complete course by instructors who may not have the time to build their own assignments.

Course Packs

WebAssign's Course Packs are prebuilt assignments of content that partners can offer to busy instructors to simplify the course creation process. Instructors can quickly schedule the Course Pack assignments to their course and then customize assignments to align with their classroom goals.

Content Options

Features

ANSWER ENTRY TOOLS

mathPad & calcPad

NumberLine

Graphing Tool

physPad

chemPad

MarvinSketch molecular drawing tool

Grading

WebAssign uses an advanced patent-pending grading engine. Each response is run through a complex series of routines to ascertain correctness, utilizing several commercial computer algebra systems to ensure all correct answers are considered. WebAssign's Answer Evaluator analyzes each answer to accept the widest range of algebraic equivalents, but can be customized to support only the specific pedagogy of your textbook's approach.

Features

- Instructors can view all student response submissions.

- The GradeBook measures completion time of each assignment.

- Instructors can apply bonus or penalty points (e.g., deduct credit based on number of submissions) to discourage guessing.

- Analysis tools calculate statistics ranging from means and standard deviations.

- Summaries of assignments with response histograms for each question are available for download or print.

- Assignments can be tracked by category.

- Instructors can upload paper-based grades to the GradeBook from a spreadsheet.

- Grades can be exported to Excel for deeper analysis or to upload into campus LMS solutions.

- Instructors can grant automatic extensions and remove students as needed.

- Instructors can change grades at their discretion.

Communication

Effective communication is vital in creating a productive learning environment. WebAssign's communication tools enable instructors to deliver relevant information to students within the application, and reinforce WebAssign as a go-to learning environment.

Features

- Instructors can post announcements.
- Students can request and instructors can grant extensions.
- Instructors can moderate message forums.
- Instructors and students can receive and answer private messages.

- Students can view a course calendar with upcoming assignments, tests, and other deadlines.
- Messages delivered in WebAssign can be set to automatically forward to an external email address.

Secure Environment Testing

WebAssign includes a suite of secure testing features.

• LockDown Browser powered by Respondus disables web searches and access to local applications

• IP address restrictions for secure proctored testing

• Password protected assignments

Comprehensive Support

WebAssign's customer service is unmatched in the industry. We are one of the only online learning systems that offers live student support in addition to our exceptional faculty support. WebAssign also offers webinars and one-on-one training for instructors and an extensive online help database for both instructors and students.

System Requirements

REQUIRES INTERNET ACCESS

Mozilla® Firefox®, version 12 or later
Windows®, Mac® OS X, Linux®

Internet Explorer®, version 9.0 or later
Windows®

Google® Chrome™, version 19 or later
Windows®, Mac® OS X,

Apple® Safari®, version 5.1 or later
Mac® OS X, iOS 5 or later on iPad®, Windows®

No proprietary plug-ins are required.

Partner With Us

WebAssign offers several partnership options to meet your specific business goals. To learn more, visit our website at *www.webassign.net* or contact Melissa Russell, publisher relations manager, at *mrussell@webassign.net* or 919.829.8181 ext. 219.