

The Future of Online Education

Möbius™ Courseware

Möbius™ Courseware is the complete platform for creating and deploying online STEM courses including lessons, interactive learning activities, hands-on exercises and assessments.



The Online Courseware Revolution

Students learn by doing. With Möbius Courseware, your students can explore important concepts using engaging, interactive applications, visualize problems and solutions, and test their understanding by answering questions that are graded instantly. Throughout the entire lesson, students remain actively engaged with the material and receive constant feedback that solidifies their understanding.



Designed For STEM

Möbius Courseware is the only comprehensive online course platform designed to meet the specialized requirements of science, technology, engineering and mathematics.



Better Content In Less Time

With Möbius Courseware, you can create, maintain, and deploy higher quality digital assets than you could using other tools, and do it in less time.



Powerful Analytics

Möbius Courseware provides powerful analytics that enable you to measure both student understanding and the effectiveness of your learning materials.

“Möbius Courseware provided the students with a much more interactive and dynamic experience, making it easier and fun for them to learn new concepts.” - Kelly Foyle, Perimeter Institute for Theoretical Physics, Canada



Five Reasons To Choose Möbius Courseware

Here are just five of the many reasons instructors and academic institutions choose Möbius for their online offerings:

1

Engaged Students

Keep students engaged and learning in a hands-on environment

2

Instant Feedback

Provide immediate feedback so students know how much they have or haven't understood

3

Meaningful Assessment

Truly assess student understanding through intelligent, authentic assessment

4

Measured Effectiveness

Measure the effectiveness of your learning materials with insightful analytics

5

Better Online Content

Provide students with better online content, with less effort

Möbius Assessment

Möbius Assessment is a powerful online testing and assessment system designed especially for courses involving mathematics. Its unparalleled abilities allow instructors to truly assess student understanding of math-based concepts, making it ideal for science, technology, engineering, and mathematics (STEM) courses.

“...after moving to Möbius Assessment, we’ve found we can save approximately \$100,000 per year on our grading budget...”

- Carrie Howells, University of Waterloo, Canada

- **Designed especially for courses involving mathematics**

Science, technology, engineering, and mathematics (STEM) courses have their own requirements when it comes to automated assessment, and Möbius Assessment was designed specifically to meet those needs. Offering standard math notation, sophisticated plotting, free-response math questions, intelligent grading of responses, and more, Möbius Assessment provides everything you need to take full advantage of automated assessment in your math-based courses.

- **Integrates with your technology**

Möbius Assessment can be integrated into your existing course infrastructure and accessed from any web-enabled device, so you can offer a natural, seamless experience for your students. Möbius Assessment is compatible with virtually any course management or learning management system, including Blackboard®, Canvas, Moodle™, Brightspace™, and more.

- **Puts you in control of your testing content**

Möbius Assessment is the system of choice for those who want full control over their testing content. Whether you want to customize some of the tens of thousands of freely available questions or create your own, Möbius Assessment provides the most comprehensive, easiest-to-use authoring tools available for STEM-based content.



Take Advantage Of Automated Testing In Your STEM Courses!

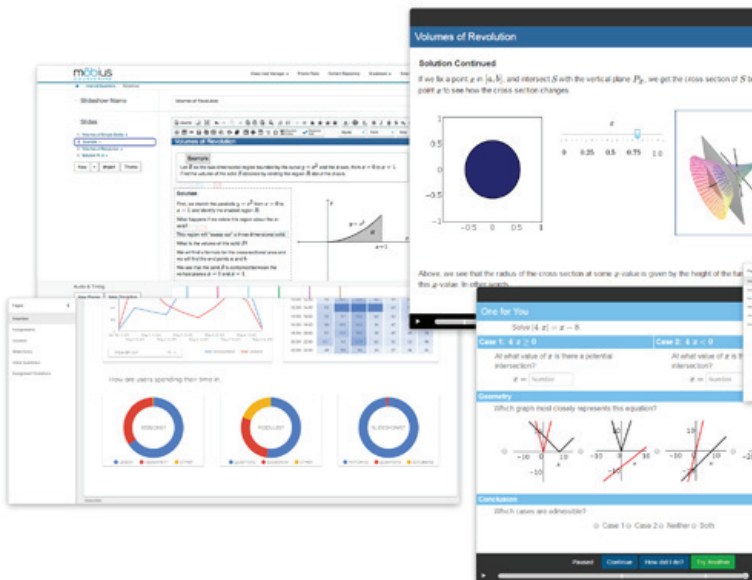
Free yourself from the cost and effort of paper-and-pencil assessment, while still asking exactly the questions you want to ask. Truly assess student understanding, even in your mathematics-based courses, through authentic assessment. With Möbius Assessment you can:

- Ask the questions you want to ask, and have them graded intelligently, the same way you would
- Provide instant feedback to your students
- Give your students lots of opportunities to practise without adding to your workload
- Limit cheating while encouraging product collaboration
- Spend less time marking and more time on other aspects of the course
- Offer as many assignments as you feel your students need, without being limited by teaching assistant availability
- Identify and correct conceptual misunderstandings immediately
- Eliminate logistical problems, from lost assignments to “grading parties” and the nightmare of arranging large-scale placement testing

Get a Personalized Demo

If you are involved in a project to develop online education materials for STEM courses, let us show you how DigitalEd can help! We would love to give you a personalized demonstration to show you:

- How to create and publish rich content for your STEM courses
- How to manage your students and track their progress
- How to deploy tests and exams using a wide variety of question types
- How to provide your students with precisely the guidance they need through adaptive testing



| Möbius Content



Course Content for Online Learning

Maplesoft has partnered with leading publishers, academic institutions, open education resource providers, and professors to develop rich online courses and materials that enable students to learn by doing. Developed by experts, course materials cover a variety of science, math, and engineering subjects, and range from late high school to the graduate level. These materials are used by students, instructors, and institutions for textbooks and textbook supplements, online courses, outreach programs, and more.

With Möbius, you are in control of your content, not a textbook publisher. You have the flexibility to add, remove, rearrange, and modify the content, so you can customize the materials to suit your needs and preferences.

In addition to tens of thousands of free assessment questions, DigitalEd also offers a variety of course content packages to choose from, including Calculus I and II, College Algebra, and Developmental and Intermediate Algebra.

Möbius MAA Placement

Place your incoming students in the right mathematics courses quickly and painlessly using the renowned Mathematical Association of America (MAA) placement tests offered online exclusively through the Möbius platform.



Save your students money!

Give your students access to engaging, interactive course materials at a fraction of the cost of a traditional textbook.

Which Product is Right for Me?

möbius
COURSEWARE

möbius
ASSESSMENT

Deploys course notes, including videos, slide shows, interactive apps, text, graphs, and images	✓	
Automated assessment: Formative assessment integrated into lessons	✓	
Automated assessment: Homework, practise questions, tests, exams, placement	✓	✓
Access to free, customizable content	✓	✓
Customer content authoring	All course materials	Questions and assignments
Interactive Math Apps	In lessons and questions	In questions
Adaptivity	For questions and assignments	For questions and assignments
Analytics	✓	✓
Gradebook	✓	✓
Calendar	✓	
Powerful Maple™ mathematics engine	✓	✓
Integration with course management systems	✓	✓

About DigitalEd

DigitalEd is on a mission to transform online education and empower educators to make learning better for everyone. DigitalEd online education solutions are designed especially for science, technology, engineering, and mathematics (STEM) courses. With Maple™, the world-leading math software from Maplesoft™, providing the mathematical power, DigitalEd products are uniquely positioned to provide effective tools for online math-based education. DigitalEd is a spin-off of Maplesoft, and was formed to bring greater focus to Maplesoft's online education product line. DigitalEd products have been used by academic institutions around the world since 2003.



WWW.DIGITALED.COM | INFO@DIGITALED.COM

© DigitalEd, 2018. Möbius is a trademark of DigitalEd. Maplesoft and Maple are trademarks of Waterloo Maple Inc.
All other trademarks are the property of their respective owners.