

# MIT OPENCOURSEWARE

Unlocking knowledge  
Empowering minds

Since 2001, MIT OpenCourseWare (OCW) has helped lead a global revolution in free access to knowledge. By sharing MIT's educational resources, OCW democratizes learning, encourages collaboration, and creates opportunities for millions of learners and educators around the world.

OCW, the web-based publication of MIT course content, is open and available to the world. More than 500 million people have accessed lecture notes, videos, problem sets, and other core MIT teaching materials – at no cost – through OCW for more than two decades. Now, over 2,500 courses across 33 disciplines – both undergraduate and graduate – are online.

Independent learners, high-school teachers, and MIT students, as well as entrepreneurs and professionals benefit from OCW. For nearly 50% of the MIT student body, it's a guide to selecting classes. MIT faculty use it to measure their own teaching in context with other course offerings. Professionals access OCW to refresh their understanding of key concepts, and apply what they learn to solve immediate problems.

## COMMITTED TO OPEN

OCW continues to expand its footprint by reaching tens of thousands of learners and educators daily on the OCW site, as well as millions of learners on our YouTube channel, which has more than 5 million subscribers.

We aim to serve learners wherever they are. That's why we launched a mobile responsive platform with enhanced search capabilities and distribute more than 440 mirror copies of the OCW site that can be viewed in communities with limited internet access.

## FUNDING NEEDS

- Enhanced support for learners and educators to expand OCW access and deliver engaging experiences for millions of smartphone-based learners, especially those for whom a phone is their only digital device or who may need to work offline or on-the-go due to a lack of affordable, reliable internet service.
- Provide educators ways they can use OCW in their teaching, seamlessly integrating with their institution's learning management systems, allowing new content forms that can be easily remixed and adapted to any learning context.
- Showcase more project-based courses that center on MIT's mind, hand and heart approach to student-driven participatory solutions for real-world problems.

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OCW also adds free courses to the MIT Open Learning Library, which provides interactive course experiences that include auto-graded assessments, providing instant feedback and allowing learners to track their progress. This content is always open and self-guided, and includes no live support, discussion forum, or certificates but engages more than 100,000 active learners.

Educators are one of our primary audiences because they provide important context and guidance for students using and learning with OCW materials, can freely adapt MIT resources to their curriculum, and expand our reach exponentially. OCW supports educators through OCW Educator, which offers pathways to educators for discovering, adapting, and sharing the open educational resources. MIT OpenCourseWare's podcast, Chalk Radio, shares insights from MIT professors and their inspired teaching.

### **ADVANCING THE VISION OF OCW**

OCW celebrates its 25th anniversary of unlocking knowledge and empowering minds this year. This milestone is an opportunity to advance the vision of expanding OCW's reach, advancing global educational equity, and substantially increasing accessibility.

We will continue to serve today's learners by publishing and sharing MIT's evolving curriculum that incorporates emerging educational technologies and innovative pedagogical practices.

We'll also expand and develop long-lasting collaborations within the open education community to increase the number of open educational resources and materials and their adaptations and uses.

Through these efforts, we provide access to knowledge from MIT, and contribute to a more equitable global education landscape.



My trajectory would be so different if MITx and OCW didn't exist, and I feel that's true for so many thousands of other students. So many other institutions have copied the model, but MIT was the first and it's still the best.

Andrea, MIT Alumna and Independent Learner  
United States

### **ADDITIONAL FUNDING NEEDS**

- Accelerate the pace of OCW content production with new technology and methods, to ensure that OCW remains a vibrant reflection of the evolving MIT curriculum – especially in MIT's commitment to addressing climate change, the future of AI and machine learning, and social inequalities.
- Expand OCW's capacity to produce even more rich media like video lectures, podcasts, online textbooks, interactive assessments, and new educational forms like augmented and virtual reality.
- Launch new collaborations across the Open Educational Resources (OER) ecosystem to create more inclusive learning opportunities needed to advance educational equity, building the capacity for learners with varied perspectives, preparation, and voices to access, adapt, contribute, and apply open knowledge in their own contexts.
- Magnify OCW's utility for educators teaching students in diverse local contexts, advancing equity as well as access, via new programs to support OER librarians, collaborative open textbook communities, multi-source OER discovery tools and cross-institutional OER repositories.

With your financial support, you will enable OCW to reach more learners and educators through investment in technology and course development. Your contributions also help maintain MIT's role as a leader in open education and sharing our resources with the world.