MIT | Open Learning

MISSION

Open Learning seeks to transform teaching and learning on campus and around the world by opening the innovations and opportunities of MIT to learners and educators across all levels of education.

Together, we *open* learning to transform teaching and learning at MIT and around the globe. We believe that access to knowledge and high-quality education can empower people to improve their lives, their communities, and the world.

How We *Open* Learning

We work with MIT faculty, students, and staff to further our scientific understanding of teaching and learning; to innovate, test, and scale digital tools and new technologies; to conduct and share learning research; and to address emerging global needs and technological developments in education.

Learning and Teaching. MIT Open Learning opens up educational opportunities for learners across the globe and students on campus by leading the next generation of online and blended learning technologies, platforms, and communities. We are committed to developing new and more agile pathways accessible for learners of diverse backgrounds and competencies.

Research and Innovation. Building on MIT's leadership as a research institution, MIT Open Learning brings an interdisciplinary research lens to education. We use the latest learning science to inform the design and implementation of educational technologies, curriculum, pedagogy, and tools that support learners of all ages to reach their fullest potential while increasing learning effectiveness. We investigate the capabilities of technologies like virtual and augmented reality and artificial intelligence to deliver educational experiences in new ways, explore new frontiers in storytelling and social impact, and to empower learners to be ethical technological creators and consumers.

Impact and Scale. MIT Open Learning collaborates with faculty, educators, leaders, and innovators across the globe on a diverse range of projects and initiatives to improve education. We co-design solutions to address educational challenges unique to learners' circumstances and their academic wellbeing, creating agile, continuous education pathways to foster flexible lifelong learning.

With this inclusive framework – from research to practice, curriculum to pedagogy, tools for socioemotional wellbeing – MIT Open Learning brings the educational energy of MIT together to power a better world for all.

How You Can *Open* Learning

The MIT Open Learning Fund supports MIT's efforts to undertake bold experiments in digital and blended learning and scale educational content on and beyond campus. Your support will help make the greatest impact in building new networks of learner communities, advancing technologies that deliver adaptive, personalized learning at all levels of education, and supporting the sustainable future of these very networks and tools. Your contribution *opens* learning.

EXAMPLES OF AREAS IN NEED OF SUPPORT

Foster Innovation in Teaching and Learning

- Share MIT's teaching with learners worldwide through online courses, open content libraries, and platforms like MITx, OpenCourseWare, and the MIT Open Learning Library.

- Advance blended and flexible pathway credentials like the MITx MicroMasters program and holistic learner support through programs like the MIT Refugee Action Hub (ReACT), developing new forms of agile continuous education.

Drive the Next Generation of Digital Innovation

- Fund grant programs enabling MITili to expand the learning science community at MIT, raise the visibility of this initiative, attract talented faculty and researchers, and support innovative new work in this emergent field.

- Provide new insights into learning by leveraging data available from digital platforms and amplify and disseminate research through community outreach events and publications.

Advance Opportunity and Work in the Emerging Intersections of Digital Learning and Educational Technology

- Enable deep exploration and infrastructure creation for new learning frameworks through the Center for Advanced Virtuality by using virtual and augmented reality, virtual presence, and immersive media technologies.

- Support hands-on, interactive digital pK-12 curriculum creation and sharing in STEAM fields including artificial intelligence and machine learning.

Philanthropic support of MIT Open Learning advances MIT's forward-thinking work in the emerging intersections of digital learning, educational technology, and learning science, harnessing their collective power to make knowledge and learning opportunities available to educators and learners around the world.

"I love mathematics. Especially recently, as I was made more aware to it's marvels, I could not stop thinking about mathematics. Yes I am obsessed. Given the majority of my learning is currently self contained, I knew well that I could benefit from rigor. Practicing real analysis with MIT practice exams and with their homework assignments both gives me incredible experience with mathematics and confidence, which will likely prolong my engagement with mathematics."
-Kyle, high school student, USA

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