MIT Digital Learning
Providing Quality Education at Scale

May 8, 2017

Roksi Freeman
Our Mission

To transform teaching and learning at MIT and around the globe through the innovative use of digital technologies.
MIT OpenCourseWare
MIT OpenCourseWare
MITx

Massachusetts Institute of Technology MOOCs
Browse free online courses in a variety of subjects. Massachusetts Institute of Technology courses found below can be audited free or students can choose to receive a verified certificate for a small fee. Select a course to learn more.

MITx
Entrepreneurship 101: Who is Your Customer?
Starting Soon
Starts: May 2, 2017

MITx
You Can Innovate: User Innovation &...
Starting Soon
Starts: May 2, 2017

MITx
Just Money: Banking as if Society Mattered
Current
Starts: April 25, 2017

MITx
Evaluating Social Programs
Starting Soon
Starts: May 8, 2017

MITx
Cellular Solids Part 3: Applications in Nature
Current
Starts: April 19, 2017

MITx
Atomic and Optical Physics: Light Forces and Laser...
Starting Soon
Starts: May 10, 2017
MIT Digital Learning Today

- Used by students, educators, independent learners and professionals
- Over 200 million people have accessed our materials
- Accessed by almost every country in the world
Digital tools on MIT's campus

MIT faculty are using the MITx program to:

• Provide students with rapid feedback
• Augment learning with simulations and visualizations
• Provide flexibility in course delivery
Thank you!
Worldwide Usage
photon inerface with themselves.
For the beam we used E = fields waves!
For the photon we use probability amplitude wave
weakly. prob. to how
the photon at \( x = |\phi(x)|^2 \)
\( z = x + iy, z^* = x - iy \)
\( |z|^2 = z^* z = x^2 + y^2 \)

- What is the molding orientation?
- Where are the ejector pins?
- What defects do you notice?
- ...
MITx Courses

Wolfgang Ketterle

Lorna Gibson
https://www.youtube.com/watch?v=DvzoDFWQtHw&feature=youtu.be (video)

Simona Socrate http://odl.mit.edu/sites/default/files/Case-Study-2.001.pdf (case study)
Popular Courses Starting Soon

- **PennX**
  - **Software Development Fundamentals**
  - Starting Soon
  - Starts: May 15, 2017

- **DartmouthX**
  - **Retail Fundamentals**
  - Starting Soon
  - Starts: May 15, 2017

- **UCSanDiegoX**
  - **How Virtual Reality (VR) Works**
  - Starting Soon
  - Starts: May 15, 2017 - Self-Paced

- **Microsoft**
  - **Analyzing and Visualizing Data with Excel**
  - Current
  - Self-Paced

- **ColumbiaX**
  - **Machine Learning for Data Science and Analytics**
  - Starting Soon
  - Starts: May 15, 2017 - Self-Paced

- **BerkeleyX**
  - **Agile Development Using Ruby on Rails - Basics**
  - Starting Soon
  - Starts: May 9, 2017

- **CatalystX**
  - **Communication Skills for Bridging Divides**
  - Current
  - Self-Paced

- **W3C**
  - **HTML5 and CSS Fundamentals**
  - Starting Soon
  - Starts: May 30, 2017 - Self-Paced

- **HKUSTX**
  - **Introduction to Java Programming - Part 1**
  - Current
  - Self-Paced

- **UQX**
  - **The Science of Everyday Thinking**
  - Current
  - Self-Paced

- **ETSX**
  - **TOEFL® Test Preparation: The Insider’s Guide**
  - Current
  - Starts: May 3, 2017

- **Wharton**
  - **Managing the Value of Customer Relationships**
  - Current
  - Self-Paced
PennX  
Computer Science Essentials for Software Development  
Learn essential computer science concepts in order to design efficie...
Current

GTx  
Analytics: Essential Tools and Methods  
Learn fundamental, in-demand analytics skills to maximize busine...
Current

RITx  
Cybersecurity  
Launch your career in a high demand industry that projects 2...
Current