

MASSACHUSETTS  
INSTITUTE OF  
TECHNOLOGY

reCONNECT

reNEW

reFUEL

reLAUNCH

reENTER

reTOOL

reINVENT your career at MIT

reKINDLE

reINVIGORATE

reDEFINE

reCREATE

reTHINK

reESTABLISH

reEQUIP

CAREER  
REENGINEERING  
PROGRAM



PROFESSIONAL  
EDUCATION



## **OPEN** the door to your next career

Times are changing fast. Technical and scientific fields are constantly evolving. You may have left the workplace for personal reasons or you are looking for a new job and need to retool for that next position. Our 10-month, part-time program will help you acquire new knowledge and expertise in your chosen field and position you more powerfully for that next all important career step.

## **MIT** can help

The Career Reengineering Program offers able professionals the opportunity to learn at a globally renowned institution, sharpen career development skills, and work or engage in research in a current or new field. Come to MIT to accelerate your reentry into the job market.

- ▶ **Advanced technical skills**
- ▶ **Practical experience**
- ▶ **Professional development**
- ▶ **10 months, part time**



“The **CAREER REENGINEERING PROGRAM** is a one-of-a-kind opportunity! There is no other program like it for professionals in science, engineering, and technology.

By offering career and personal development, a semester in the classroom, and an internship, this program provides participants an edge over the competition.

Upon completion of the program, fellows have a heightened level of self-confidence, new and relevant technical expertise, current and practical work experience, and, importantly, a current and lasting network of peers.”

*Cynthia Barnhart | School of Engineering  
Associate Dean of Engineering for Academic Affairs*



## **BUILD** academic expertise

Career Reengineering Program students enroll in MIT undergraduate or graduate courses to study new fields, gain fresh skills, and explore emerging careers. Genetics, Molecular structure of Biological Materials, and Sustainable Energy are examples of courses chosen by recent students who work side by side with world-class faculty and students.

The Project, which includes a research paper and presentation, taps the expertise of a faculty member and surveys recent developments. It also brings students up to date on their field of interest and sharpens their ability to communicate ideas to multiple audiences.

“The MIT course gave me the professional environment where I could **NETWORK** with fellow researchers from school as well as from the industry and have **FRUITFUL DISCUSSIONS** on the latest research.”

*Sunita | Class of 2007*



“The **CAREER-FOCUSED WORKSHOPS** helped me enormously—in fact, they were the most important benefits to me.”

*Silke | Class of 2008*

## LEARN to drive your career

Beginning with orientation in late August, students acquire career development skills that will put their talents in focus and guide their job search process. Workshops throughout the year hone professional capabilities such as leadership, interviewing strategies, resume/cover letter tips, networking, and building lasting professional relationships.



## Career Reengineering Program 10-MONTH ROADMAP



## WORK in your next field

In the spring, participants engage in either industry internships or research projects in their area of interest. These experiences are hands-on, practical exposures that can document high interest and current knowledge in advanced fields.

Internships in greater Boston-area businesses or nonprofits allow students to learn on the job alongside industry experts. These exposures facilitate networking and can establish sources for references and future job tips. Recent students have interned at major Boston hospitals, a portfolio management firm, the Department of Transportation, an analytical instruments company, and a lean manufacturing enterprise.

Some students choose to work with an MIT faculty member on research projects. Whether students are working in a lab or gathering data in the field, they are acquiring skills essential to their next position.

“My project was an in-depth examination of the use of digital signal processing in stock market applications. It gave me new **INSIGHT** on the state of the art and gave me new direction for my research and **ENTREPRENEURIAL EFFORTS.**”

*Ken | Class of 2007*



## Is this program right for you?

The **Career Reengineering Program** is an academically rigorous program that requires rapid engagement with new knowledge and an entrepreneurial interest in new opportunities. Successful applicants have strong academic credentials and professional experience. They have at least a bachelor's degree; some have graduate degrees. Many left demanding technical or scientific jobs for personal reasons and are now preparing to reenter their fields.

### Sample students:

The drive to learn about nanotechnology and self-assembling materials brought **Charles** back to MIT after a 20-year career in advanced materials processing and manufacturing technologies.

**Sunita** built a solid career in analytical chemistry in her native India. At MIT, she was able to extend her knowledge to the pharmaceutical industry by learning the newest methods in drug analysis and chromatography separation techniques.

**Ramon**, an information systems architect, was able to shift his career to economic development by gaining new skills through his fall course, Regional Socioeconomic Impact Analyses and Modeling, and his internship at a global development institute.

“The participants made a cohesive group that created a **SENSE OF IDENTITY**, belonging, support, friendship, and inspiration.”

*Farzana | Class of 2008*

## PLUNGE into MIT life

As a Career Reengineering Program fellow, you have access to myriad intellectual and community resources at MIT. Sit in on lectures by world experts, attend conferences that showcase recent research such as Nanotechnology and Cancer or the Energy and Environment Challenge, compete in the legendary \$100K business plan competition, engage in student-driven activities such as the MIT Energy Club, which runs a premier annual conference. Your affiliation gives you access to MIT email, athletic membership, libraries, plus career and academic services. Students also find they share goals and camaraderie with classmates.

reINVENT  
now



### Benefits

#### EDUCATION AND NEW SKILLS FOR CAREER REENTRY:

- ▶ Learn from MIT faculty and career advisors
- ▶ Education via an MIT course and special workshops
- ▶ Internship or research opportunity
- ▶ 10-month, part-time commitment
- ▶ Earn MIT credit and a certificate
- ▶ Access to MIT lectures, conferences, and activities
- ▶ Finish with revitalized skills and a career plan

## A student story

For Farzana, the program's time commitment, affiliation with MIT, and focus on professional and personal development was just right. "The goal was to brush up my scientific knowledge and reenter the job market with renewed confidence," she says.

Through a course on Clinical Trials in Biomedical Enterprises and an internship at a major cancer institute, she became involved in several neuro-oncology clinical trials. This experience not only helped her transfer skills from her previous field, but also led directly to her new full-time position at the cancer institute.



**"IT WAS AN AMAZINGLY INTENSIVE LEARNING EXPERIENCE FOR ME," FARZANA SAYS. "I HAD NEVER LEARNED SO MUCH IN SO LITTLE TIME."**

## LEARN more

Explore how MIT can help you reenter your professional field:

- ▶ Visit the website: <http://career-reengineering.mit.edu>
- ▶ Review admissions requirements: references, transcripts, career summary, statement of objectives, and tuition
- ▶ Check the dates for upcoming information sessions

### Contact

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**PROFESSIONAL EDUCATION**

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