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April 2012 Newsletter:

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### New Supplemental Resource



Prof. Herbert Gross. (Image by MIT OpenCourseWare.)

*Complex Variables, Differential Equations, and Linear Algebra* is the third course in the [Calculus Revisited](#) series. The course consists of 20 Videos, 3 Study Guides, and a set of Supplementary Notes.

The series was first released in 1971 for people to review the essentials of calculus. It is equally valuable for students who are learning calculus for the first time.

- [RES.18.008 Calculus Revisited: Complex Variables, Differential Equations, and Linear Algebra](#) 

### Updated Courses

- [12.141 Electron Microprobe Analysis](#)

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## Highlights for High School

Build Stuff, Write Better, and Save the World too!

Find out how you can be a brilliant hero and supercharge your AP study of Chemistry, Biology, Physics, and Calculus with great free tools from MIT OpenCourseWare at the 2nd annual [USA Science and Engineering Festival](#).

The festival will held in Washington, DC, April 28 and 29th. It's free and open to the public and will feature over 3,000 fun, interactive exhibits, more than 100 stage shows and 33 Author Presentations.

If you are in the area, stop by and visit us! We'll be in [Hall B, Booth #2828](#).

> [Find out more about the festival](#)

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## New Resource: Entrepreneurship Course List



Photo taken in a Lakeland, FL business park. (Image courtesy of [lakelandlocal](#) at flickr.)

MIT has always been associated with major scientific and technological breakthroughs. But the breakthroughs alone do



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not explain the impact that MIT has had on the world. For that we have to look at entrepreneurship, which starts with the "Mens et Manus" (Mind and Hand) slogan on the Great Seal of MIT.

For faculty, students, and alumni, MIT is all about making discoveries and inventions and then applying these discoveries and inventions to solve real problems.

In a very tangible way, MIT faculty and graduates invent the future, and entrepreneurship -- the building of new businesses -- is often the road to that future.

OCW now offers a new cross-disciplinary course list presenting the core academic materials -- including syllabi, lecture notes, assignments and exams -- from 66 MIT entrepreneurship courses.

The courses are organized into lists that cover core and supplemental entrepreneurship concepts and are also presented in topical lists including finance, law, leadership, marketing and strategy.

Initial courses selected for the list were curated by MIT Sloan School of Management Senior Lecturer Joseph Hadzima, with input from Bill Aulet, Managing Director of the Martin Trust Center for MIT Entrepreneurship.

> [See the Entrepreneurship Course List](#)

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## Views from Supporters



"My donation, which is going to be my monthly contribution is a way to show my appreciation of your efforts. Such projects as yours do shed immense light into our sometimes grey world. It allows a lot of people to access the best of education.

My personal view is that the education is the best and most effective vaccination and medicine against intolerance, ignorance, dogmatism and darkness in people's mind.

Please, keep up the excellent work you have been doing so far."

-Ahmadhon, Independent Learner, Russia

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