


Faculdade de Computação e Informática

Intel Higher Education Program



FAAP


- Desenvolver um currículo de alta qualidade ao ensinar os engenheiros do futuro é um desafio enfrentado por universidades do mundo todo. O programa *“Intel Higher Education”* trabalha para acelerar esse processo ao disponibilizar módulos de currículo de qualidade internacional, desenvolvidos por universidades do mundo todo. Todo o conteúdo do curso foi desenvolvido por universidades e é disponibilizado gratuitamente.
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A Intel atualmente oferece os seguintes cursos:

- Wireless Computing Curriculum
- Embedded Computing Curriculum
- Technology Entrepreneurship - Theory to Practice
- Signal Integrity Curriculum
- Parallel Computer Architecture and Programming Curriculum
- Microelectronic Fabrication Curriculum
- MicroElectronics Packaging Curriculum
- VLSI Curriculum
- Network Processor Curriculum

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- O programa focaliza na inovação avançando nas áreas chaves da tecnologia, assim como desenvolver um talento técnico de alta qualificação para a força de trabalho do futuro e os próximos engenheiros da Intel. Para conseguir este objetivo, a Intel colabora com as universidades no mundo todo para expandir o currículo da universidade, acopla na pesquisa focalizada, e incentiva a participação do estudante na pesquisa durante toda sua instrução.
- Todos os cursos são gratuitos e podem ser acessados diretamente do site.

- Para obter os cursos oferecidos pela Intel, entre no seguinte endereço:
 - <http://www.intel.com/education/highered/modelcurriculum.htm>
 - Nesse endereço você encontra todo o currículo de cursos oferecidos pela Intel.
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- Após escolher o curso que deseja fazer, basta entrar no link correspondente.
- No exemplo, entrando no link “Technology Entrepreneurship - Theory to Practice”.



Intel® Higher Education Curriculum Forum

Developing leading-edge curriculum to teach the engineers of tomorrow is a challenge faced by universities around the world. The Intel® Higher Education Program works to accelerate this process by providing "world class" curriculum modules developed by leading universities worldwide. All course content has been developed by university faculty and is provided free of charge.*

The curriculum modules contained in the Intel® Higher Education Curriculum Forum are not Intel product training, nor an Intel certification program. The content can be used in its entirety to start new courses or piecemeal to supplement existing courses. University faculty are the primary audience; however students or other visitors are welcome to use the content for their own educational purposes.

Signal Integrity Curriculum

Signal integrity refers to the communication between microprocessors and other high-speed computer and communications components. As new technology raises the speed at which these components "talk" to each other, the signal-integrity challenge becomes greater, increasing demand for engineers with these skills

Technology Entrepreneurship - Theory to Practice

Technology Entrepreneurship presents a tool kit for universities who would like to explore adding the basics of technical entrepreneurship to their curriculum. Elements include curriculum overviews, business plan contest guidelines and other resources such as steps to approach a venture capitalist.

Parallel Computer Architecture and Programming Curriculum

The "Multicore Technology" breakthroughs hinge on true understanding of Parallel Computer Architecture and Programming. The goal of this course is to provide a deep understanding of the fundamental principles and engineering tradeoffs involved in designing modern parallel computers (aka "multiprocessors" and "multicore"), as well as the programming techniques to effectively utilize these machines.

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- Ao clicar no link, você obterá maiores informações sobre o curso e os elementos que o compõem, como as aulas e os laboratórios propostos.



Intel® Higher Education Curriculum Forum
Technology Entrepreneurship

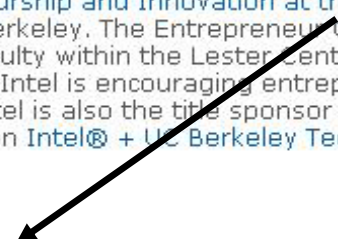
Based on Intel's vision that entrepreneurship is a major driving force in creating a knowledge-based society, the Intel® Higher Education program: Technology Entrepreneurship; is a program toolkit including curriculum, model business plan competitions, in-classroom exercises and other tools that university professors can use to educate technical graduates on the basics of entrepreneurship, seeking to create truly innovative business people with cross-disciplinary skills, technical expertise and the ability to seize market opportunities. This program is best implemented by combining university curriculum and hands on expertise provided by entrepreneurs local to the university.

Christian Morales, Vice President Sales and Marketing and Co-General Manager of Intel Europe, highlighted this link to the future in his statement at the 2005 EMEA Academic Forum: "It is very important that educators shift their focus to promoting an entrepreneurial culture. Today, by and large, many educational systems are geared toward creating employees, not entrepreneurs. To change this dynamic, the core curriculum at universities should add basic instruction in what it takes to start and operate a company, including training in formulating a strategy, writing a business plan, marketing, finance and raising capital."

The Intel® Higher Education program: Technology Entrepreneurship is being developed by the [Lester Center for Entrepreneurship and Innovation at the Haas School of Business*](#), University of California Berkeley. The Entrepreneur Curriculum is the effort of many of the full-time and adjunct faculty within the Lester Center for Entrepreneurship. Program leader was Dr. Jerry Engel. Intel is encouraging entrepreneurship among technology innovators and MBAs. Intel is also the title sponsor for the U.C. Berkeley Technology business plan competition [Intel® + UC Berkeley Technology Entrepreneurship Challenge*](#).

Program Elements:

- [Entrepreneur Curriculum](#)
- [Business Plan Competition](#)
- [Approaching a Venture Capital Firm](#)
- [Entrepreneur Resources](#)



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- Para informações adicionais ou em caso de duvida fale conosco:

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