



Higher Education Program

Educating tomorrow's technology leaders today.



Welcome to the Higher Education Program newsletter from Mentor Graphics®!

We hope to quarterly bring you information and news that will enhance your experience using Mentor's products and our program. Inside you will find details on the Mentor Graphics products that are available to universities & colleges for the coming year as well as membership information, contact information, and updates to the program. If you are a HEP member, please be sure to read all the sections of the brochure so you are aware of any changes that may affect your class or research program. If you are not already a member, please take a look at what we have to offer!

Background: Mentor Graphics Corporation founded the Higher Education Program (HEP) in 1985 to further the development of skilled engineers within the electronics industry. The program provides colleges & university with leading edge design tools for classroom instruction & academic research to help ensure that engineering graduates enter into industry proficient with state-of-the-art tools & techniques.

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The Program – 2006-2007: The 2006-07 Higher Education Program is now available. Your next HEP renewal will be using the 2006-07 Program. For complete details of the 2006-07 Program, please view or download the [brochure](#) available on our website, http://www.mentor.com/company/higher_ed/. The HEP Brochure includes changes to the program, detailed bundle and product information, support and training information, as well as contact information.

Highlights of this year's program include:

◆ Product Changes

- . New Package: An Embedded Software Development package which provides a complete development, debug and testing environment for embedded software has been added to the program.
- . Please [click here](#) for information on the new Product Additions and Deletions.

◆ Product Bundles and Pricing

- . Please [click here](#) for detailed product listings for each of the HEP Product Bundles.
- . Please [click here](#) for support pricing for each of the bundles.

- ◆ **Frequently Asked Questions:** We have compiled a list of the most frequently asked questions. Please [click here](#) to review them.

Important Program News

◆ Leonardo FPGA to Precision Synthesis Transition

Mentor Graphics is committed to providing comprehensive FPGA design solutions and in 2002 we launched Precision® Synthesis as our next generation FPGA synthesis solution. **In 2006-07 we will be transitioning all Leonardo FPGA users in HEP to Precision Synthesis.** Please [click here](#) to read more, including:

- . How This Will Affect Your University
- . Precision Physical Syntheses and Precision RTL Syntheses – Technical Details
- . Useful Resources
- . And Frequently Asked Questions

◆ Questa Advanced Functional Verification Now Available in HEP

We are pleased to make Mentor Graphics' industry leading Questa functional verification platform generally available under the Higher Education Program.

Questa Advanced Functional Verification (AFV) provides high performance and high capacity with the most advanced verification capabilities in the industry. Assertion-based verification (ABV), testbench automation, and coverage-driven verification (CDV) are supported by a native assertion engine, an advanced constraint solver, and extensive functional coverage features. This complete set of advanced verification methodologies are enabled by a flexible architecture that is unrivaled in the area of language support. Questa AFV supports verification using VHDL, Verilog, System Verilog, System C and PSL.

Questa is now available in the Design, Verification and Test design package. All HEP members using this package will automatically receive Questa at your next HEP renewal. If you would need to access Questa before your next renewal, please contact your regional HEP representative.

◆ ASIC Design Kit 3.1 is Now Available

The ASIC Design Kit (ADK) is a generic design kit providing all the requisite data, libraries, and documentation to create ASIC designs using the Mentor Graphics suite of layout, synthesis, simulation, and DFT tools. Its primary use is by universities and colleges in class work environments. **For complete details, please visit the [ADK Webpage](#).**

◆ Electronic Delivery

In an effort to improve your satisfaction with software availability, we are moving toward electronic delivery of our software as the preferred method of release distribution. When you place an order for new software with Mentor, our preferred method of delivery will be electronic download to give you the fastest access to our software. For more information from our Director of Worldwide Order Fulfillment, Chris Burger, please [click here](#).

◆ Internship Opportunities Posted Online

The current intern opportunities are posted at http://www.mentor.com/company/careers/us_college/internships/ and will be updated frequently. Students can apply directly for a position or review more information regarding the program itself.

Feature Article

Award Winning Support is a Mouse-Click Away



Mentor Graphics' customer support is recognized for its quality and responsiveness. **Tom Floodeen, Vice President of Worldwide Customer Support**, outlines the facilities and options available to all HEP Members, including release/patch downloads, the knowledge base, service requests, and SupportPro. To read the full article [click here](#).



For faculty and students, the fastest access to Mentor support is through our comprehensive support website, [SupportNet](#), at: www.mentor.com/supportnet.

Feature School



Florida International University (FIU) has a powerful record of innovation and research. The VLSI and Intelligent Systems Design Laboratory, the brainchild of Professor Subbarao V. Wunnova, Dr., in the Electrical and Computer Engineering Department promotes research to develop Intelligent System-on-Chip (SOC) designs and encompasses courses in the implementation of SOC's using Mentor Graphics' software. Please [click here](#) for the full article.

Upcoming Events

USER2USER

**Mentor Graphics
International User
Conference**

May 2 - 5 San Jose, CA

Register

U2U 2006, the Mentor Graphics International User Conference, features 16 free pre-conference workshops, 14 technical tracks with "real-world" customer presentations, a new Management track, and a keynote from a Microsoft Xbox technical executive.

Register now at:
http://www.mentor.com/user2user/?snw_source=CAMP73 .

Plan to Attend the 2006 EDA Tech Forums

Learn about the latest EDA tools, trends and issues by attending the EDA Tech Forum. At this free, one-day event, you'll learn about the latest EDA tools and methodologies through technology sessions, hands-on workshops and the multi-vendor fair. Explore the future of EDA during industry expert keynotes, then test drive the newest products and solutions.

Register now for [Long Beach, CA](#) and [Ottawa, ON](#) or view the [18 worldwide locations](#).

Links for the above:

Long Beach, CA http://www.edatechforum.com/events/long_beach/index.cfm
Ottawa, ON <http://www.edatechforum.com/events/ottawa/index.cfm>
18 locations <http://www.edatechforum.com/events/>

HEP Contact Information

To increase our efficiency, we request that you please first visit our [website](#) to discern if it contains the answers to any of your questions. You may wish to review the [Brochure](#) or visit our [Applications and Renewals page](#) and submit an application.

You are, however, welcome to send your inquiries to Higher_Education@mentor.com, and we will get back to you as promptly as possible.

If you are already a member and this is a support issue, please visit [SupportNet](#) to contact our Customer Support.

To contact your regional HEP representative, please visit the [Contact](#) page, http://www.mentor.com/company/higher_ed/contact, or refer to your brochure.