Innovation Begins with Education

Cadence is a world leader in providing innovative electronic design solutions that are used to create products that are changing the way we live and work. Our customers are developing everything from smartphones and internet-connected devices to cloud datacenters, networking equipment, and the latest automotive electronics.

Universities around the world use proprietary Cadence® software to teach students to solve complex technical challenges while creating ICs, packages, and PCBs.

Today’s students are the next generation of innovators

The Cadence Academic Network is a group of carefully selected universities, professors, Cadence technology experts, and industry advisors who facilitate the exchange of engineering knowledge among academic communities and companies in the electronics and semiconductor industry. Cadence has partnered with more than 900 academic institutions and governmental organizations around the globe to prepare the next generation of innovators (your students!) with the tools and training they need to thrive in the competitive semiconductor and electronics marketplace.

Each year, our University Software Program reaches more than 30,000 future engineers around the world

Making our software readily available for instruction and fundamental research enables you to teach the latest techniques using world-class EDA tools. Students have the opportunity to be at the forefront of electronic research and innovations that are making a global impact.

In addition to our tools, we also provide the following support through our University Software Program:

**Online Support** - Cadence Online Support provides access to online resources that include application notes, product manuals, a solutions database, white papers, and training videos. In addition, you may also open a case with an application engineer for technical help.

**RAKs** - Rapid Adoption Kits (RAKs) are collateral packages for a particular product area or flow and are designed to help you learn to use the tools as quickly and efficiently as possible. The packages include a hands-on workshop database with a step-by-step manual so you can dive right in and start pushing buttons. They’re easy to set up and let you move at your own pace. The RAKs can even serve as a skeleton for lab exercises.
Generic PDKs - A Process Design Kit (PDK) is a complete set of building blocks that are critical for any custom IC design. The elements of a PDK are schematic device symbols, simulation support, parameterized cell (Pcell) layout, tool technology files, and physical verification rule decks.

Training Bytes - These are short 10- to 20-minute training videos on a variety of Cadence tools.

Training - To meet your learning needs about our technologies, we provide instructor-led classes at our training centers or at your site. We also offer our Internet Learning Series (iLS) of self-paced online courses.

The Cadence Academic Network is also a career network. Talented students who are members of our Academic Network can network with other members, so that they can start a new career or do an internship with their knowledge and experience in Cadence technologies. The Cadence Academic Network hosts electronic design contests, campus visits, workshops, networking opportunities, tours, social events, and more.

Join the discussion on LinkedIn

The Cadence Academic Network provides updates and technical information via LinkedIn groups. The groups are moderated by the lead institutions of the academic network, ensuring a constant flow of reviewed information relevant to academia. To join, just search for “Cadence Academic Network” and click Join.

To learn more about the Cadence Academic Network and our university software programs, contact academicnetwork_NA@cadence.com.