



Innovation Begins with Education

Cadence is a pivotal leader in electronic design, building upon more than 30 years of computational software expertise. The company applies its underlying Intelligent System Design™ strategy to deliver software, hardware, and IP that turn design concepts into reality. Cadence customers are the world's most innovative companies, delivering extraordinary electronic products from chips to boards to systems for the most dynamic market applications including mobile, cloud, data center, automotive, aerospace, IoT, and industrial.

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

Today's students are the next generation of innovators

The Cadence Academic Network is a group of 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 1200 universities, academic institutions, and government 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.

We train future engineers around the world

Making our software readily available for classroom teaching and fundamental research enables you to train students on the latest techniques using leading-edge Cadence technology. Students can 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 Cadence University 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.

RAKs: Rapid adoption kits (RAKs) are collateral packages for a 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 innovating. RAKs are easy to set up, let you move at your own pace, and can even serve as a skeleton for lab exercises.

Generic PDKs: Process design kits (PDKs) are complete sets of building blocks that are critical for any custom IC design. The elements of a PDK standard cell reference library are schematic device symbols, simulation support structures, parameterized cell (Pcell) layouts, 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.

Online Training: The Cadence University Program gives access to the same online training courses as Cadence customers at no additional cost. Students and professors can train online through the Internet Learning Series (iLS). After passing one of our popular courses, you can earn a digital badge to showcase your Cadence knowledge and expertise. Learn more at www.cadence.com/training.

The Cadence Academic Network also provides a platform for our members to connect with one another. Members of the Cadence Academic Network can exchange knowledge and experience with Cadence technologies and explore career opportunities that would use their expertise using EDA tools. 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 Cadence 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 the Cadence University Program, contact universityprogram@cadence.com.

Trailblazers wanted

At Cadence, you'll be a part of a team that's passionate about innovation and excited to work together to make a difference. We're looking for diverse leaders who are ready to push the limits of what's possible! Join today: www.cadence.com/go/university-careers