



SIEMENS
Ingenuity for life

Empowering the next generation of digital talent

Industry 4.0 begins in your classroom

The manufacturing, design and engineering industry landscape is evolving and the need for highly-skilled technical specialists is at an all-time high. Manufacturing, design and engineering jobs worldwide are currently unfilled due to the growing skills gap. Siemens is committed to empowering the next generation of digital talent with the skills employers need.

Siemens PLM Software is addressing the skills gap with a comprehensive software suite that connects industry producers to academic institutions and their students. We do this through academic partnership grants, providing software solutions, industry-tailored curriculum and global support of student development competitions.

Siemens PLM Software provides its academic partners with industrial-strength software to make sure that students build the skills they need to contribute from day one in their new job. Products include: Simcenter™ software, NX™ software, Solid Edge® software, STAR-CCM+® software, Tecnomatix® software and Teamcenter® software. Also included are: Mentor Graphics' Capital® software, PADS® software, Calibre® software, Questa® software, Tessent® software and FloEFD™ software.

Siemens encourages academic growth by providing our academic partners with ready-made, industry-driven curriculums, such as mechanical design, 3D simulation, digital manufacturing, additive manufacturing and systems-driven product development (SDPD). We also provide free self-paced training courses for educators and students via the



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e-Learning portal Learning Advantage. Siemens recognizes the industry need for new, experienced talent and students' desire for meaningful employment in industry. By working with schools around the world, Siemens is helping to close the skills gap and connect employers with academic institutions that will help develop a new age of digital talent.

Siemens PLM Software supports many real-world projects and competitions developed within industry. Here are a few hands-on programs that provide experiential learning through industry partners:

- EcoCAR 3
- Greenpower
- PACE – Partners for the Advancement of Collaborative Engineering Education
- SpaceX Hyperloop
- Bridgestone World Solar Challenge
- Formula Student/Formula SAE
- World Solar Challenge
- Siemens Global University Challenge



Learn more about the Siemens PLM Software Academic Program at: www.siemens.com/plm/academic

How do we support Industry 4.0?

Siemens PLM Software takes a 360-degree approach with academic and industry partnerships. We provide assistance by:

- Working with academic institutions to provide students with the right tools and support to improve their skill level.
- Engaging with various government and industry-sponsored competitions which allows students to develop the skills they need for Industry 4.0.
- Providing schools and students with a comprehensive set of digital enterprise software solutions.
- Supporting industry growth through digital enterprise optimization.



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