



COMPUTER ENGINEERING

Computer engineers design smaller, faster, and more reliable computers and digital systems. Computer engineers also embed microprocessors, use object-oriented programming languages, and design large-scale software systems and computer networks. Graduates may work in positions that apply computers in control systems, digital signal processing, telecommunications, and power systems, and may design very large-scale integration (VLSI) integrated circuits and systems.

The Bachelor of Science in Computer Engineering provides a broad focus on digital circuit design, computer hardware and organization, programming and computer software, algorithms, and networks. The computer engineering program includes the same basic courses as the electrical engineering degree, but also strongly emphasizes computer-related subjects. This major is designed to prepare students for positions in the areas of design and architecture of digital computers, as well as in the applications of computers and digital systems.

Students wanting specific information about the major are encouraged to stop by the department office in room 312 of the Bosson Research Center, call the department at 215-895-2241 or visit their website at www.ece.drexel.edu/contact/index.html.

Employers who have hired Drexel students include:

Children's Hospital of Philadelphia
Cingular Wireless
City of Philadelphia
Comcast Corporation
Gestalt
GlaxoSmithKline
Lockheed Martin
Motorola
PECO
Saint-Gobain Corporation
Siemens
Sunoco
Sungard
Unisys
University of Pennsylvania

JOB TITLES

Applications Developer
Electrical Engineer
Hardware Engineer
Help Desk Associate
PC Technician

Programmer
Software Engineer
Software Quality Assurance Co-op
Systems Analyst
Web Developer

Please refer to the SCDC website (www.drexel.edu/scdc) for our most recent co-op salary information.

PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

American Association of Engineering Societies

www.aaes.org

Association for Computing Machinery

www.acm.org

Computerworld Careers

www.computerworld.com/cwi/careers

Developers.net

www.developers.net

Electrical Engineer

www.electricalengineer.com

IEEE Computer Society

www.computer.org

International Webmasters Association

www.iwanet.org

National Society of Black Engineers

www.nsbe.org

National Workforce Center for Emerging Technologies

www.nwcet.org

Society of Women Engineers

www.swe.org

CAREER RESOURCES

**Steinbright Career Development Center
Pre-Professional Advising (Prelaw, Prehealth)**

www.drexel.edu/scdc/careerservices/pre-professional-advising/index.html

Writing Your Resume

www.drexel.edu/scdc/coop/COOP101/materials/writingyourresume.html

Interviewing

www.drexel.edu/scdc/coop/COOP101/materials/interviewing.html

Workshop Calendar

www.drexel.edu/scdc/events/workshops/coop-workshops.html

DREXEL DEPARTMENTS

**Career Services Library
Careers Collection**

Hagerty Library
33rd and Market Streets, Room 136
215-895-6843

www.library.drexel.edu/services/refcareers.html

**Civil, Architectural & Environmental
Engineering Department**

3141 Chestnut Street
Curtis Hall, Room 251
215-895-2341

www.cae.drexel.edu