

ECS



Challenging, Exciting Work Opportunities Real World Hands-On Experience Early Exposure To Career Paths And Possibilities



Benefits of Co-op participation include:

- Practical work experience in an area related to a student's academic interests
- An opportunity to apply classroom knowledge in a professional environment
- Working alongside professional engineers and computer scientists
- A chance to build great people skills
- An early opportunity to test career interests and goals
- Building a network of professional and corporate contacts
- Valuable job search experience, including employer research, resume writing, and interviewing
- Development of personal skills including communication, self-confidence, and maturity

Imagine a program that offers these advantages - through full-time, paid professional experiences in industry - to undergraduate students.

Students from Syracuse University's College of Engineering and Computer Science (ECS) can do more than imagine it – they can experience it for themselves through the ECS Cooperative Education Program.

ECS Co-op gives students the opportunity to combine their academic studies with professional work experience related to their major. Co-op participants gain exceptional career building experience that supports their development as successful future professionals and that also gives them a very competitive edge in the job market.

Over the years, the ECS Co-op program has placed students in positions with a wide variety of employers in 25 states across the United States. This diversity of employers, and the positions that they offer, gives students outstanding early career exposure, no matter what their career interests may be. This opportunity helps students to sharpen and, in many cases confirm, their career choices.

"My goal is to become a patent attorney. My co-op position gave me a chance to see and participate in the kind of work that patent attorneys do. I worked with the patent development team and participated in meetings on the patent disclosure evaluation process. I became familiar with the logistics behind this process and also had the chance to see IP professionals in action. This was an ideal experience for me."

Shauna-Kay Hall
*IBM, Hopewell Junction, NY
Interconnect Technology/Patent Development Team*

A sample of recent co-op employers includes:

- Advance Testing Co.
- Aetna
- Anheuser-Busch
- Anoplate
- Blasland, Bouck, & Lee
- Blizzard Entertainment
- Borg Warner
- Carrier
- Central Hudson Gas and Electric
- Clough Harbor
- Crucible Steel
- Current Solutions
- Dow Corning
- Eastman Kodak
- Everest VIT
- Filtertech
- GE
- Herley Industries
- IBM
- ITT
- Johnson & Johnson
- Kilian Manufacturing
- Merck
- Mitre
- NASA
- Navair
- New York State Electric and Gas
- Niagara Mohawk Power Corporation
- O'Brien & Gere
- Ocean and Atmospheric Science
- Orchard, Hilt, McClemons
- Phillip Morris
- PPC
- Proctor & Gamble
- Robson & Woese
- Sikorsky Aircraft
- Syracuse Steam Station
- Tactair Fluid Controls
- Telejet
- Welch Allyn
- Yannaccone Villa & Aldrich

An Exciting Opportunity to Graduate from Syracuse
With Degree In Hand,
and to Leave Campus With
Paid Industry Experience

Co-operative education is a signature of engineering and computer science education. However, Syracuse University's program is distinctive in many ways:

Flexible The ECS Co-op programs works around individual academic schedules and career aspirations to give students the opportunity to tailor professional experiences in the way that is best for them.

Optional Though all ECS students are encouraged to take advantage of the Co-op program, participation is not required.

Leading Industry Employers The ECS Co-op program enjoys strong ties to prominent companies around the United States. This relationship allows students to take advantage of national, regional, and local work opportunities with some of the nation's top employers.

More than just a job Co-op students participate in a series of valuable career planning and exploration activities in the months leading up to their first job assignment. These include:

- Resume and interview workshops
- Ethics workshops
- On-campus opportunities to meet and interact with corporate recruiters
- Career building strategy sessions

Helping students to achieve their goals The ECS co-op staff is dedicated to providing highly personalized attention and support to students. The staff helps students to investigate and explore all of their career options, whether that includes finding a full-time position after graduation or attending graduate school.

Salary The primary emphasis of ECS Co-op is to help students gain high quality, challenging, and rewarding work experiences. Yet, for many, the fact that Co-op is a paid experience is very appealing! Co-op students receive competitive compensation for their time and talent. On average, students report earning up to \$22/hour over the course of a co-op work assignment.

HOW THE PROGRAM WORKS:

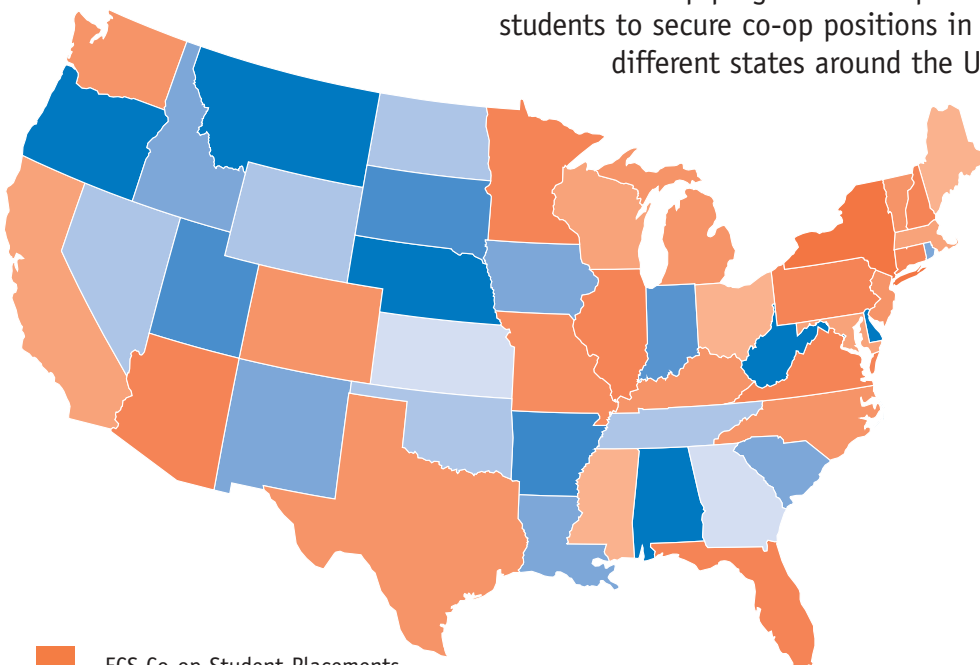


Co-op is open to ECS students who have completed their sophomore year with a minimum 2.5 grade point average. Students interested in the program should apply in the first semester of sophomore year. Transfer students must complete at least one semester at Syracuse University prior to applying to the co-op program.

Students typically complete a schedule that allows them to gain a significant level of paid work experience in industry and still graduate in four years. The program is flexible enough to allow students in any ECS program to participate and remain on track with their degree requirements.

ECS Co-op Placements

Offering a national network of job placements, the ECS Co-op program has helped ECS students to secure co-op positions in 25 different states around the U.S.



 = ECS Co-op Student Placements

To find out more, contact:

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ECS Co-op Program

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Hear more from our Students . . .

“Prior to going into my first co-op work block, I was extremely unsure about manufacturing. I did not see how it pertained to my chemical engineering classes. After spending four months working in a manufacturing plant, I realize that this is exactly the kind of job that I would like to have after graduation. I loved the fast-paced manufacturing environment! Without this co-op opportunity, I would never have even thought about a job in manufacturing.”

Nissa Monrad

Dow Corning, Carrollton, KY

“I did field work and lab work in my position. In the lab, I had to run soils tests while in the field, my duties ranged from ACI testing of concrete to nuclear density testing of asphalt. Seeing the finished product was the best part. Driving down a newly paved road that our firm worked on — now that is rewarding!”

Christopher Sheppard

Advanced Testing Company, Campbell Hall, NY



“Working with such an intelligent group of people was the most rewarding aspect of my co-op assignment. I learned so much about semiconductor technology from my co-workers and fellow interns. The caliber of the people I met was truly outstanding. The other interns were awesome! It was a great way to meet engineering students from around the globe. As my first corporate experience, it was truly eye opening, particularly with my exposure to policies and human resource issues that are such a big part of the business world.”

Andrea Andrianos

IBM, Essex Junction, VT

“I learned so much from the engineers that I worked with, including the importance of excellent negotiation skills. While I was there, we negotiated a multi-year contract that was valued at \$10 million. I absolutely loved my position. This assignment exposed me to both the technical and business practices of a huge corporation. I had a great chance to apply my engineering skills as well as to strengthen and develop my communication skills

Matthew Adeleke

GE, Schenectady, NY

“Before this work assignment, I did not know what to expect after graduation. I did not know how much of the knowledge I have gained as a mechanical engineering student would be applied to a real-world position. Working for Borg Warner helped me to realize how many different positions are needed at a big company. My eyes were opened and my horizons were broadened. The most rewarding aspect of my work assignment was simply getting the experience to work as an engineer. It provided me with an idea of what my day-to-day experiences will be like after college.”

Gary Poon

Borg Warner Automotive, Cortland, NY

“My co-op experience really helped to sharpen my career goals and aspirations. I know with full confidence that I want to further my engineering expertise into software engineering, software development, and human computer interactions. I want to design products that depend on software to run and manage them in a way that is natural and helpful to the user.”

Christina Gardner

*IBM,
Hopewell Junction, NY*