

R·I·T



Experience Counts

Co-op and Experiential Education

Who can co-op?	Years to Complete Degree	Co-op Work Periods Included In Degree Program	Average Salary Range Earned Per Work Period*	Number of Student Placements Per Year
Field of Study				
College of Applied Science and Technology				
Engineering Technology Civil, Computer, Electrical, Manufacturing, Mechanical, Telecommunications	5	5	\$5,720-\$14,040	850
Environmental Management	5	4	\$5,460-\$10,400	30
Hospitality and Service Management Food Management, Food Marketing, Hotel Management, Nutrition, Travel Management	4	3	\$4,160-\$7,800	100
Packaging Science	4	2	\$7,280-\$13,000	165
E. Philip Saunders College of Business				
Accounting, Finance, Management, Marketing, New Media Marketing, International Business Management	4	2	\$4,160-\$11,440	260
Management Information Systems	4	2	\$6,240-\$11,500	60
B. Thomas Golisano College of Computing and Information Sciences				
Applied Networking and Systems Administration	4	3	\$7,800-\$13,000	240
Computer Science	5	4	\$7,900-\$16,640	525
Information Technology, Game Design and Development, New Media	4	3	\$6,760-\$13,520	450
Medical Informatics	4	2	\$7,280-\$8,925	6
Software Engineering	5	4	\$8,060-\$15,300	300
Kate Gleason College of Engineering				
Computer Engineering, Electrical Engineering (all options)	5	5	\$7,280-\$16,640	600
Mechanical Engineering (all options), Industrial and Systems Engineering	5	5	\$7,250-\$14,200	800
Microelectronic Engineering	5	5	\$8,060-\$13,780	120
College of Imaging Arts and Sciences				
School of Photographic Arts and Sciences (BFA), School of Film and Animation, Digital Cinema, School of Design, School of Art, School of American Crafts	4	Co-op optional /internship	\$5,200-\$8,840	40
Biomedical Photographic Communications (BS)	4	1 co-op or internship	\$5,200-\$8,320	40
Imaging and Photographic Technology (BS)	4	2	\$5,460-\$8,840	20
School of Print Media New Media Publishing	4	2	\$4,690-\$8,600	100
College of Liberal Arts				
Advertising and Public Relations	4	2	\$5,200-\$6,760	40
Criminal Justice	4	Co-op optional	\$4,160-\$5,720	less than 10
Economics	4	Co-op optional	insufficient salary data	less than 5
International Studies	4	1 co-op or internship	insufficient salary data	less than 5
Public Policy	4	1 co-op or internship	\$5,200-\$7,540	less than 10
Professional and Technical Communication	4	2	\$4,680-\$8,060	25
Psychology	4	1 or more	\$4,680-\$8,060	50
Urban and Community Studies	4	1 co-op or internship	(new program)	—
College of Science				
Applied Mathematics, Applied Statistics, Computational Mathematics	4 or 5	Co-op optional	\$6,500-\$9,360	15
Biology, Biotechnology, Chemistry, Biochemistry, Polymer Chemistry, Environmental Chemistry, Environmental Science, Physics, Premed	4 or 5	Co-op optional	\$5,400-\$9,700	60
Bioinformatics	4 or 5	1	\$5,460-\$9,850	20
Diagnostic Medical Sonography (Ultrasound), Physician Assistant	4	Clinical internship	unpaid	—
Center for Imaging Science Imaging Science	4	Co-op optional	\$6,760-\$14,350	10

* Salary data computed from Co-op Student Wage Report 2007-08. Ranges are based on 40-hour work weeks and 13-week-long work assignments.

“Toyota’s experience with RIT has been wonderful. The relationships we have built with career services and the engineering departments are not only better than any other, but beyond our expectations. RIT has become our top source of college co-ops and new grads for Toyota Motor Engineering & Manufacturing North America.”

Kimberly J. Demko, Toyota Motor Engineering & Manufacturing North America

David Peretz

Mechanical Engineering Technology



I worked for EMPA, the Swiss National Materials Testing and Engineering Laboratories in Dubendorf, Switzerland, a suburb of Zurich. My job involved research and testing in the area of body kinetics. I used Optotrak 3D imaging equipment to model the human body during different motions and relate it to an advanced computer model to aid with new types of medical diagnosis. I was also fortunate enough to spend a week conducting spinal motion experiments at the University of Bern with its biomedical division.

On a professional level, I was given a lot of responsibility to work independently and use my initiative in solving technical problems. On a personal level, I enjoyed working with a variety of coworkers from different fields and different countries. This was the best co-op I could have ever dreamed of!

Learning by Doing

At RIT, cutting-edge academic programs, outstanding faculty, and first-rate classroom and laboratory facilities provide you with a great educational experience. But in today’s world that’s simply not enough. You need to be prepared for the real challenges and opportunities you will experience once you’ve graduated. Your total education must be comprehensive and relevant. It must be tested in real-world settings and on real-world problems before you graduate.

RIT’s co-op and experiential education programs do all that—and more.

RIT offers a full range of experiential learning opportunities. You may, for example ...

- gain valuable work experience through internship and paid cooperative education work assignments with corporations and organizations around the U.S. and abroad.
- join a team solving business problems through industry-sponsored, class-based projects including senior capstone design teams.
- work on an interdisciplinary student team competing in international SAE Formula One and Baja events.
- work alongside a faculty member on an externally funded research project.
- work part-time on and off campus in assignments designed to complement your academic course of study.
- volunteer your time and experience through our Community and Service Learning programs.

- study abroad at one of more than 100 universities in more than 30 countries or travel abroad through RIT-sponsored group or class trips.

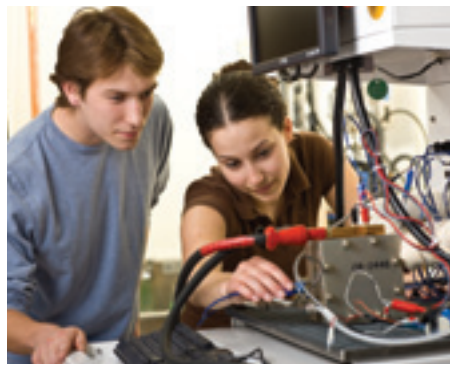
Every academic program at RIT offers something in the way of experiential education. Those opportunities are always specific to the educational goals of the course of study, reflective of what’s available in the real world, and sensitive to your needs and interests.

Cooperative Education

Cooperative education (co-op) is the most extensive and intensive of RIT’s experiential education opportunities. Co-op is full-time, paid work experience directly related to your course of study and career interests. Periods of full-time study are alternated with periods of full-time employment, offering the best way for you to immerse yourself in the real world and apply what you’re learning and experiencing in your studies at RIT. Some academic programs require co-op while others make it available on an optional basis.

RIT has the fourth-oldest and one of the largest cooperative education programs in the world, annually placing more than 3,600 students in more than 5,300 co-op assignments with 1,900 employing organizations. Last year those students generated more than \$30 million in earnings through their employment with industry, business, government and the not-for-profit sector throughout the U.S. and in 40 foreign countries.

AL-WORLD SUCCESS



Experience That Pays

The benefits to participating in co-op and other experiential education opportunities are clear:

- Your classes and course work take on new meaning when you have related work and real-world problem-solving experience to help enrich the classroom discussions.
- You will be better able to clarify and assess your career interests and goals.
- You will gain valuable workplace and work-related experience.
- You will further develop and improve your job search skills.
- You will make important industry contacts and build your professional network.
- You can travel and experience new settings and new places.
- You can generate significant earnings to help offset your college expenses.

Ultimately, you will prepare yourself to be the strongest possible candidate for employment and graduate school opportunities upon completion of your degree and be far more knowledgeable about your interests and goals.

Internships

As an alternative to co-op, many academic programs at RIT offer students the opportunity to gain career-related work experience through internships. Students in the medical science programs, for example, are required to complete a clinical internship in the fourth year that provides the experience

necessary for professional licensing. Other academic programs, including, for example, public policy and international studies, offer internship opportunities in addition to co-op. While co-op assignments are full-time paid positions, internships may not pay a salary or require a full-time work schedule. Also, in some instances, internship credit may be substituted for specific courses required in the academic major.

Study Abroad

There's no better way to gain an understanding of another culture than to experience it firsthand. To prepare you for success in our global society, RIT offers a range of exciting study abroad opportunities that expand your horizons in every sense. You can immerse yourself in another culture through our Study Abroad programs offered in cooperation with RIT's American College of Management and Technology (Croatia), Queens University (England), University of Osnabrück (Germany), or Kanazawa Institute of Technology (Japan). In programs affiliated with other institutions, RIT students also have the opportunity to study in Italy, Spain, France, Ireland, Australia, China, Kenya, New Zealand, Germany, Greece, and other international locations.

Undergrad Research

RIT students experience a campus that is a nexus of creativity, innovation, and technology. Our faculty is fully engaged

in the discovery of new knowledge and, as a result, students from all different disciplines can join teams that work on innovative initiatives—green technology, medical sciences, new products and services, creative arts and crafts, or groundbreaking fundamental research.

RIT's eight colleges offer over 90 bachelor's degree programs in art and design, business, engineering, science, photography, sustainability, hospitality and service management, information technology, bioinformatics, and many other areas. As a major technological university, we offer academic opportunities that extend far beyond science and technology, including more liberal arts courses and faculty than are found at most liberal arts colleges. Explore more at www.rit.edu/colleges.

The Center for Student Innovation, open 24/7 physically and virtually, was created to be a hub for inventive thinkers to share their ideas and work together on new projects. This exciting facility sponsors workshops, seminars, innovation courses, competitions, pilot projects, and any activity that inspires creative thinking.

RIT President William Destler has remarked, "The desire to be different is an innate American characteristic that is exhibited by our students each and every day."

This is the place for you to be unique, inventive, and creative.

Jennifer Vitullo
Microelectronic Engineering



For my co-op at Intel, I worked on the ASIC design team for Intel's next-generation I/O processor. I was able to experience life as an engineer on the forefront of new technology with real responsibilities, goals, and deadlines while enjoying the benefits that come from hard work.

Many different people at Intel helped me to learn as much as I could about the company and life in the work force. I was also encouraged to enhance my co-op experience by taking courses offered by Intel related to the project I was working on.

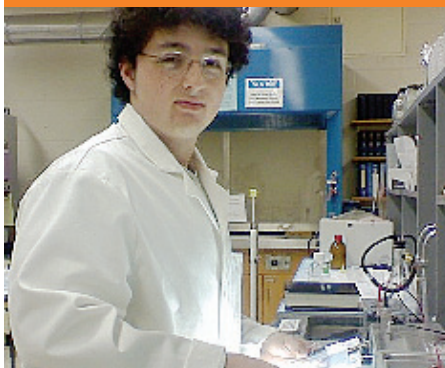
My co-op experience gave me valuable insight into what opportunities were available to me after graduation, what kind of company I want to be a part of, and the personal goals I should set for myself.

Kat Springate
Accounting



Kat Springate knows what she wants, whether it's succeeding on the track or in the classroom. "RIT was the only school I wanted to go to because it is fast-paced and I like the co-op program," says Springate. She will step into a position at PricewaterhouseCoopers upon graduation, a position she was offered while on co-op with the company. "I just love it there because the people are confident and trust you will get the job done. And I will!"

Sebastian Ramirez
Biochemistry



Only a second-year student, Sebastian Ramirez is already off and running with his research. Working in the biochemistry lab with his faculty mentor, Dr. Suzanne O'Handley, Sebastian has had the opportunity to research the structural characterization of enzymes using X-ray crystallography and UV/Vis spectroscopy. He plans to attend graduate school and gain a Ph.D. in the field of structural biochemistry—in particular, using X-ray crystallography and NMR techniques.

Hear Sebastian discuss his undergraduate research at www.rit.edu/go/ramirezVideo.

Elizabeth Kiewiet
Applied Networking and Systems
Administration



A member of the Honors Program, Elizabeth (above right, with professor Sharon Mason) studied abroad in China; she also completed co-ops with Cisco Systems (where she earned her CCNA certification), the Explore Rochester IT Rotational Program, and Bausch & Lomb. She is a member of the RIT Leadership Institute and Security Practices and Research Student Association and has held leadership positions within the Equestrian Club and Alpha Xi Delta.

**A sampling of our co-op
and internship employer
partners includes:**

- Adobe Systems
- Anheuser-Busch
- Apple Computer
- Bausch & Lomb
- Boeing
- Bosch
- CIA
- Cisco
- Deloitte & Touche
- Eastman Kodak
- Ernst & Young
- ESPN
- General Dynamics
- General Mills
- Goodrich
- Google
- Harris Corporation
- Hewlett-Packard
- Honda
- IBM
- Intel
- ITT Corporation
- Johnson & Johnson
- Lockheed Martin
- Marriott International
- Microsoft
- NASA
- New York Times
- Northrop Grumman
- Paetec
- Paychex
- Standard Register
- Thomson/Reuters
- Time, Inc.
- Toyota
- United Technologies
- Walt Disney World
- Wegmans Food Markets
- Xerox
- Yahoo



Learn by Doing

RIT cooperative education ...

- One of the oldest and largest in the world
- More than 3,600 student participants annually
- More than 5,500 work assignments completed each year
- More than \$30 million in collective student earnings annually
- Nearly 2,000 employer partners throughout the U.S. and overseas

www.rit.edu

www.rit.edu/co-op/careers

The Bottom Line

Co-op and experiential education at RIT offers you many advantages, but the bottom line is that employers and graduate schools prefer students with related experience. RIT's graduating student placement rate is more than 90 percent one year after graduation, and 50 percent or more of our graduates begin their careers working full time for one of their co-op employers. Students with graduate school attendance plans have a competitive edge for admission and are desirable to those programs as a result of co-op and experiential education experience.

What Assistance is Available?

The Office of Cooperative Education and Career Services provides state-of-the-art services, educational seminars and criti-

cal information to assist in developing and implementing your career and employment plans. Most critically, the expertise and knowledge of the co-op and career services staff will provide you with the insight and perspective essential to a successful job search or graduate school application.

RIT's cooperative education program is world-renowned. "Not only do you learn more about yourself and your interests, but you develop important skills and acquire critical experiences that pay off in terms of job opportunities, salary offers or graduate school application success once you complete your degree," says Manny Contomanolis, associate vice president and director of Cooperative Education and Career Services.

RIT will admit and hire men and women; veterans; persons with disabilities; and individuals of any race, creed, religion, color, national or ethnic origin, sexual orientation, age, or marital status in compliance with all appropriate legislation.

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Your successful career begins with us at RIT!