

## Bachelor–Level Engineering Programs Overview for Employers

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College of Engineering  
[www.rit.edu/eng](http://www.rit.edu/eng)

### Overview

Deaf and hard-of-hearing students enrolled in RIT's **Kate Gleason College of Engineering** are creators, inventors, innovators and problem solvers who attack challenges and work to solve real world problems. Studies emphasize the application of current technology, hands-on laboratory assignments, project-based assignments and co-op experiences that give students practical, broad and relevant experience in the field of engineering. Many of the programs incorporate industry-specific options that let students specialize, and state-of-the art facilities give students hands-on experience using cutting-edge engineering design tools. **Graduates work in all sectors of the economy including business and industry, government, education, medical and nonprofit settings across the country and around the world. They are prepared to work as:**

- Chemical Engineers
- Computer Engineers
- Electrical Engineers
- Electronics Engineers
- Industrial Engineers
- Mechanical Engineers

### Cooperative Education (Co-op) Component

RIT/NTID has developed strong ties with corporations, government agencies, professional associations and industrial organizations, and uses information gained from these relationships to shape engineering programs to meet the needs of the marketplace. Co-op students work in nearly every type of engineering setting around the country and around the world. Co-op employment enables students to put their skills and knowledge to work at a job related to their field while still in college, helping to prepare them for the world of work and their career after graduation. Two semesters and two summers of co-op are required and are completed during the last three years of study. Co-ops where students alternate study time on campus with paid, full-time experience in the workplace are required for all bachelor-level engineering majors. Many RIT graduates secure their first job out of college with a company they have worked for on co-op.

**Deaf and hard-of-hearing students are enrolled in these engineering career fields:**

- Biomedical Engineering
- Chemical Engineering
- Computer Engineering
- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering
- Microelectronic Engineering

**The National Technical Institute for the Deaf Center on Employment** helps deaf and hard-of-hearing RIT/NTID students and graduates with their job search and provides employers with well-trained, highly qualified deaf and hard-of-hearing employees. NCE also offers guidance on integrating deaf and hard-of-hearing employees into the workforce.

**The following are employers who have partnered with the NTID Center on Employment in a variety of ways including hiring deaf and hard-of-hearing students and graduates:**

- Air Products and Chemicals, Inc.
- The Boeing Company
- Caldwell Manufacturing Company
- Dow Chemical Company
- EMA Design Automation
- General Electric
- IBM
- NAVSEA (Naval Surface Warfare Center)
- Northrop Grumman Corporation
- Roswell Park Cancer Institute
- Sandia National Laboratories
- Texas Instruments
- Toyota
- Tufts University
- Welch Allyn, Inc.

RIT/NTID co-op students, graduates and alumni provide employers with highly trained, highly motivated employees with excellent skills. We appreciate your interest in our co-op students and graduates and will work with you through the recruiting process to help you hire the right employee. For your convenience, access further information about our services at [www.rit.edu/NTID/coops/jobs](http://www.rit.edu/NTID/coops/jobs)

If this is your organization's first time hiring a deaf or hard-of-hearing employee, please take the opportunity to consult with the NTID Center on Employment for strategies on communicating with and fostering integration of a deaf or hard-of-hearing employee in your workplace:

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NTID Center on Employment  
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Rochester, New York 14623-5604  
585-475-6483 (voice)  
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*The National Technical Institute for the Deaf is the first and largest technological college in the world for deaf and hard-of-hearing students. RIT is internationally recognized for academic leadership in computing, engineering, imaging technology, sustainability, and fine and applied arts. RIT offers more than 200 career-oriented and professional programs, and its cooperative education program is one of the oldest and largest in the nation. Deaf and hard-of-hearing students come from all over the United States and around the world to take advantage of the opportunities available to them at RIT/NTID.*