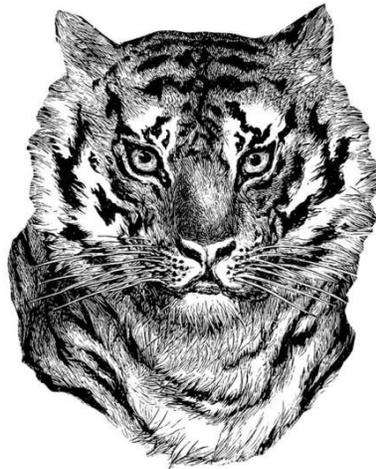


Rochester Institute of Technology

Kate Gleason College

of Engineering



**Undergraduate
Student Handbook**

TOP TEN TIPS FOR FIRST YEAR STUDENTS

#1: Attend class consistently - New students often hear that in college, "you can go to class anytime you want." NOT TRUE. Some classes may seem less interesting than others, but college is for holistic development, not pure entertainment. Experienced students often say that the more time they spend in class, the less time they need to study outside of class. Ninety-nine percent of life is showing up!

#2: Recognize that being a student is a full-time job - You can't work hard only one day a week and earn acceptable grades. Look at collegiate life as a full-time career for the present. Focus on good academic habits, social skills, and balancing priorities. Now is the time to develop skills that will be expected after graduation in your selected career.

#3: Accept responsibility for yourself and your behavior - Take responsibility for your own actions and think for yourself. If what you say and do is prompted by others, or if nothing is ever your fault because others "pushed" you, you are not fulfilling your role in advocating for yourself and creating your own identity.

#4: Budget time - Have a social life, but plan your study time adequately. Do not begin to study for a test or write a paper the night before it is due. Read syllabi early and record important dates on a calendar or in a planner. Remember that sufficient sleep is also necessary, so budget for that as well.

#5: Take care of yourself - When exhausted, rest. Self-care is a priority. Eat healthy foods and know when to relax. Build exercise into your schedule. No one is going to thank you for working yourself into a frazzle or getting ill, let alone for staying up all night. It is amazing how many students demand their independence and simply do not know how to take care of themselves, but this is a skill that can be developed over time.

#6: Become part of university life - Becoming part of the campus community is just as important as going to class, writing papers, and taking exams. Don't join every group but be selective and participate in activities that will add balance to your life. Take advantage of the variety of university experiences available without overextending yourself.

#7: Learn to communicate in the classroom - There are no "dumb questions" concerning subject matter. If you don't know or don't understand something, chances are several of your classmates don't either. Learning to ask questions is a skill. Develop it! Also, utilize faculty office hours.

#8: Know your academic situation before the withdrawal period ends - If you have a question or concern about how you are doing in a class, go to the professor and discuss it. Keep yourself informed and record all grades received for each assignment. Read each syllabus carefully, and pay attention to the weight of all assignments as they determine the final grade in each course. Keep all grades updated and be sure to discuss any contention with your professor early on.

#9: Get your money's worth - The University wants you to succeed and offers an abundance of services geared toward that goal. These range from math and writing skills centers to personal counseling. Let the university serve you. You're paying for these services anyway, in the form of tuition and fees – use them. Become an explorer and locate the major academic buildings, library and service departments.

#10: Phone home - That's right! Family can prove to be the best support service. They honestly want to know how you are doing. They may not be able to do more than listen, but that act alone is essential to your well-being. Parents, siblings, grandparents, and neighborhood friends are in your corner and want you to succeed. Let them share in your new life. Call, write, text, email, IM—often.

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***The RIT website offers students a wealth of information.
You will find this handbook, as well as other useful links, under the Student Resources Tab on the
Kate Gleason College of Engineering website.***

<http://www.rit.edu/kqcoe>



This handbook was updated last on 6/27/2018. Please refer to the RIT Policies & Procedures Manual for the most up-to-date information. <http://www.rit.edu/academicaffairs/policiesmanual/>

WELCOME TO THE KATE GLEASON COLLEGE OF ENGINEERING

The next several years promise to be exciting, interesting, and rewarding for you, your fellow students, and the faculty and staff of the Kate Gleason College of Engineering (KGC OE). The field of engineering continues to change, as it must, to keep pace with the technological changes in the world around us. We in KGC OE are doing all that is possible to stay abreast of these developments. The curriculum continues to evolve, our laboratories continue to improve, and our interaction with industry is ever expanding. We are pleased that you have elected to join our engineering team.

We want to make it easy for you to adjust to life in KGC OE, and have prepared this handbook to help you gain an understanding of our college and how it operates. The overriding principle that governs all of our actions is that we are here to help you study and learn about engineering, and to make the most of your college years. When you have completed your studies, you will be among the few who have mastered engineering—fully prepared to begin a career as a professional engineer.

If you encounter a circumstance or situation that you need help in resolving, and the information in this handbook is insufficient to provide you with a solution, please see your advisor, instructor, department head, or any staff member in KGC OE. We want to make sure your time here at RIT is pleasant, productive, and rewarding. We are partners with you in this journey towards excellence.

COMMUNICATING WITH STUDENTS, FACULTY & STAFF

Student Mail Folder

Your student mail folder is located outside of your department office. Please check it often, at least once a week, for important notices from your department or other RIT offices, graded homework assignments, registration information, and co-op materials. Your mail folder was created as a way for faculty, staff and other students to communicate with you. First-year students do not have many classes in Gleason Hall, Engineering Hall or Institute Hall, but you must check your mail folder regularly regardless. It is *your responsibility* to stay informed.



Computer Network

The computer account issued to you allows you to communicate, by email, with anyone on campus or off campus, with an email account. The computer network will also access the Student Information System (SIS) option which provides a convenient method for you to obtain information from the Registrar and Student Financial Services Offices. <https://infocenter.rit.edu/>

Via SIS, you may: register for courses; view your grades, class schedule, transcript, AP and transfer credits, and view/update your contact information. Academic Computing and User Services [also known as the HELP desk] (GAN/1113) can help you establish your account and get you acquainted with the computer network (Ext. 54357-V or 52810-TTY). For assistance in connecting your dorm room computer to the RIT network, contact ResNet (NRH/1055; Ext. 52600-V or 54927-TTY).

It is **required** that you activate and use your RIT email account. Whenever a faculty or staff member wants to contact you by email, they always use the RIT email. Students use email to contact each other when setting up study groups. Make it a habit to check your RIT email multiple times each day. Failure to check your email is not a valid excuse for missing important notices and information conveyed electronically.

myCourses

myCourses is a web-based program that allows faculty and students to interact by discussing and posting course-related information. Many of your instructors will use myCourses to give assignments and to facilitate dialog among class members. During your first week of YearOne, you will learn more about myCourses.

Communication with Faculty Members

Each faculty member has an office, telephone number, mailbox, and email address. You are encouraged to see faculty members during their assigned office hours. Hours are posted on or near the faculty member's office door and/or in your syllabus. You may also call or email to make an appointment outside of office hours or leave a message in the faculty member's mailbox (located in the respective department offices).



KGCOE PROGRAMS AND REQUIREMENTS

KGCOE offers seven 5-year cooperative education programs leading to the Bachelor of Science degree with majors in chemical, computer, biomedical, electrical, industrial, mechanical, and microelectronic engineering.

A list of course requirements for your program is available from your department and is available on the department website.

Engineering Exploration

In addition to the seven programs, the college offers a one-year option for students who desire additional time in which to decide their engineering major. During their first year, Exploration students take the foundation courses required of all engineering students, as well as a one-credit Engineering Exploration Seminar course.

Engineering Exploration students have *one year* to decide which engineering discipline to pursue. Academic advisors can help with this decision. You must meet with your advisor to make the declaration official. In the effective term, the plan will change from “ENGRX” to reflect the program code of the new department. Student records are forwarded to the new department where a new advisor is assigned. Students **must** be in good academic standing at the time of the transition to move to one of the engineering departments. If not, other options will be explored with their advisors.

Program Codes

You have been assigned a program code according to your chosen major. Program codes in KGCOE are listed below:

Biomedical Engineering	BIME
Chemical Engineering	CHME
Computer Engineering	CMPE
Electrical Engineering	EEEE
Industrial & Systems Engineering	ISEE
Mechanical Engineering	MECE
Microelectronic Engineering	MCEE
Engineering Exploration	ENGRX

Cooperative Education Requirements

Cooperative education (co-op) gives you the opportunity to take what you have learned in the classroom and apply it directly to the workplace.

All engineering students are required to complete 48 weeks of co-op, which are completed over 4 blocks (typically two semesters and two summers). Beginning in the third year, students will alternate academic terms with terms of full-time co-op employment, as recommended by their department. Transfer students entering RIT usually complete one term of academic coursework before beginning co-op.

The Cooperative Education and Career Services Office, in conjunction with KGCOE, holds required orientation sessions called Engineering Co-op Preparation Seminars (EGEN 99) for second year students (offered every term except summer). The seven-week seminar classes discuss the specific expectations of RIT students during the job search and while on co-op, including resume/cover letter preparation, ethics, interviewing techniques, utilizing RIT Handshake, and other sources to find positions. A Co-op Program Coordinator familiar with your major is available year-round to provide guidance in finding co-op employment.

Wellness Requirements

Good health and physical fitness is a basic element in the pursuit of excellence in many aspects of life. The learning experiences gained through fulfilling the physical education requirement play an integral role in the total educational experience at RIT.

For the Baccalaureate Degree

Two different *wellness activity* courses must be completed before graduation. For more information and special circumstances, contact the Center for Human Performance—The Wellness Recreation office; HAC/1212, Ext. 52620-V/TTY. <http://www.rit.edu/studentaffairs/ciar/wellness.php>

YearOne

Course Description:

The YearOne class serves as an interdisciplinary catalyst for first-year students to access campus resources, services and opportunities that promote self-knowledge, leadership development, social responsibility and life skills awareness and application. YearOne is also designed to challenge and encourage first-year students to get to know one another, build friendships and help them become an integral part of the campus community.

Course Structure:

YearOne is a zero-credit course that meets once per week during the first 12 weeks of the 14 week semester and it will be offered during a student's first semester at RIT (with the exception of select transfer students). The course will be comprised of both traditional in-class transitional topics and out-of-class experiential weeks. During out-of-class weeks, students will be asked to engage in campus activities planned and/or coordinated by the peer advisors. These events and activities will be organized around themes identified by a group of student leaders.

Completion of the YearOne course is a first year requirement requirement. Students will not be allowed to withdraw from the course except by way of special permission from the Senior Director of the Academic Support Center. The course is graded as pass/fail.

General Education Requirements

RIT's framework for general education provides students with courses that meet specific university approved general education learning outcomes and New York State Education Department liberal arts and sciences requirements. The general education framework intentionally moves through three educational phases designed to give students a strong foundation, an introduction to fundamentals of liberal arts and sciences disciplines, and the opportunity for deeper study and integrative learning through immersion in a cluster of related courses.

For KGC OE students, the general education requirement consists of a total of 27 semester hours: six core perspective courses usually taken in the first two years (writing must be taken in the first year) and three advanced-level immersion courses usually taken after the completion of the core courses. For more information, consult with your academic advisor or visit this website:

<https://www.rit.edu/cla/academics/general-education>.

Minors

Students who wish to build a secondary area of expertise into their program of study can choose from an extensive list of minors in a variety of subject areas. Minors usually require five prescribed courses in a specified area composed of required and elective courses within that area. Furthermore, some minors are disciplinary, others are interdisciplinary. Refer to the description of each minor for specific requirements. A list of available minors with links to more information on each minor can be found at: <https://www.rit.edu/cla/academics/general-education>.

Your Advisor

You will be assigned a staff academic advisor in the KGC OE. Your staff advisor will provide guidance in meeting your program requirements, and help you answer questions or find solutions to any problems you may have related to your academic progress. They can also help you with challenges related to transitioning from high school to college. You will see your advisor's name on SIS—under "Advisor".

You may also use Starfish, call or email your advisor to make an appointment to see him/her at a mutually convenient time.

See your advisor before enrolling in courses to be sure you are on the right track. If you experience any problems related to your course work, remember that the best time to see your advisor is *before* problems get too big so that the two of you can decide on a course of action to solve them while they are more manageable.

Each student will also be assigned a faculty advisor by the beginning of their second year. Your faculty advisor can help you with career advising, identifying focus areas for your professional electives, and reflecting upon co-op experiences.

ENROLLING, SCHEDULING AND HOLDS

Enrolling in Courses

Bookmark or set up a link on your desktop to the RIT Information Access Center at <https://infocenter.rit.edu/>

From the Infocenter, you can:

- Log into Student Information System (SIS) to view your class schedule, transcript, Academic Advisement Report (AAR), see when your final exams are, as well as search and register for classes.
- Log into eServices to view your account, make an e-payment, and/or enroll in payment plan
- View the Enrollment Guide and university calendars
- Access Tiger Center (alternative option for SIS)

The Enrollment Guide

This is an invaluable tool that includes information on the following topics and many more.

- The Academic Calendar
- Academic Probation, Suspension, and Dean's List
- College and Department Contact Information
- FERPA Laws
- Eservices Access Instructions
- General Education Information
- Calculating Grade Point Information
- Holds
- Minors
- Student Information System FAQs
- Enrolling in courses and enrollment verification
- Add/Drop Period and Withdrawing from a course
- Transcript requests
- Repeating a course
- Final Exam Policy

Planning your Course Schedule

The schedule of courses on SIS is the most up to date and accurate source for this information. It lists courses offered in a particular term, days and times, and classroom locations. Go to <https://infocenter.rit.edu/> and click on Student Info System under the Students section and log in. Under the Academics tab on the top left corner you should click search and that will take you to the Class Search page.

The engineering programs have the following codes:

BIME	Biomedical Engineering	ENGRX	Engineering Exploration
CHME	Chemical Engineering	ISEE	Industrial Engineering
CMPE	Computer Engineering	MECE	Mechanical Engineering
EEEE	Electrical Engineering	MCEE	MicroelectronicEngineering

Academic Year Codes

For the 2018-2019 academic year:

- 2181 is the code for fall term in the 2018-2019 academic year
- 2185 is the code for spring term in the 2018-2019 academic year
- 2188 is the code for summer term in the 2018-2019 academic year

Tips on Planning a Schedule

- Learn which courses you should enroll in, and take courses in the correct sequence. Check the prerequisites. Your course load needs to be appropriate for you. Seek assistance from your academic advisor to discuss your options.
- Shopping carts for the upcoming semester open several weeks prior to when you can actually begin enrolling, so take advantage of this and plan early.
- Add courses into your shopping cart when the shopping carts open; this is usually a week or two before the enrollment period begins. You can add additional courses into your shopping cart in the event some courses reach capacity by the time you enroll. Be sure to validate your shopping cart to check for conflicts and whether you have the pre-requisites for these courses. Validating will confirm that you meet the requirements for the class.
- Check when your actual enrollment appointment begins. Remember, this is just the first day you can begin enrolling in classes; you can continue to change your schedule right through until the end of the drop/add period.
- Use a blank block schedule to plot the time slots of your desired courses so you can see if there are any conflicts. You can also use an Excel chart or RIT Schedule Maker: <http://schedule.csh.rit.edu/>.
- Begin with the required courses for which there is only one section offered and, therefore, for which you would have no alternatives. Continue with the courses that offer the least flexibility in terms of alternate sections.

- Schedule the courses with the greatest amount of flexibility in terms of alternate sections (or even alternate courses) last.
- Be prepared with an alternate schedule (or two) in case you are not able to get into your preferred sections or classes.

Overload

You must be enrolled in at least 12 credit hours in order to be considered a full-time student. You can enroll in up to 18 credit hours.

In order to graduate on time, you will need to take 16-18 credit hours each term. This is usually five courses and possibly a lab. Taking more than 18 credit hours is considered an overload and you will be charged the applicable rate for each credit hour over 18. In most cases, you need permission from your department head to enroll in an overload and you will want to talk to a financial aid counselor about how this would impact you given your payment arrangements.

Common SIS questions and answers can be found at: www.rit.edu/sistraining. See the student section.

Service Indicators/Holds

An advising hold is placed on first-year students accounts. This is to ensure you meet with your academic advisor to discuss your schedule. The advisor will have the hold removed after this meeting. It is important to meet with your advisor, review your course requirements, and discuss your goals for your college career.

Required advising meetings and holds are used for mid-career advising and for terms you are scheduled to co-op. Advising is a positive experience and it's recommended that you check in with your advisor minimally every year after your first year if things are going well.

Students will get a notice every term when the holds are in place. Service Indicators/holds are viewable in the Student Information System (SIS) at your Student Center.

There are Service Indicators/holds other than Enrollment Holds which can prevent course enrollment. These are the Immunization Hold, Student Financial Services (SFS) Hold, Housing Hold and Judicial Hold. These holds can only be removed by the departments which put them in place.



POLICIES

<http://www.rit.edu/academicaffairs/policiesmanual/>

Examination Policy

Course instructors will determine the method of student evaluation in their courses. If a formal final exam is offered, it must be scheduled during exam week as specified in the Institute calendar. The Registrar's office will provide the final examination schedule no later than two weeks after the end of the add/drop period, and make it available to the entire RIT community on SIS.

In the case of conflict where a student has two finals scheduled at the same time, service course examinations will take precedence over home department examinations. If both examinations are service courses examinations, the class with the larger enrollment will have precedence. A service course is one that is offered outside of your college.

Students have the right (if he/she wishes) not to take three or more final exams in one day. In a case where the student does have three or more finals scheduled on the same day, service course examinations will take precedence over home department course examinations. If two or more of the examinations are in the home department, the department head will resolve the issue. If two or more of the examinations are service course examinations, the class with the larger enrollment will have precedence.

By the last day of the 10th week of classes during fall or spring term, the student should submit a written request for rescheduling the exam. This request is sent to the head of the home department with a copy to the instructor being asked to provide the rescheduled examination. By the last day of the 12th week of classes the department head will, after consultation with the parties involved, notify the student of the date of the rescheduled examination. The decision of the department head shall be considered to be final.

In the case of summer term or other sessions less than 15 weeks, by the last day of 2/3 of the session, the student should submit a written request for rescheduling to the head of the home department, with a copy to the instructor being asked to provide the rescheduled examination.

The final exam schedule should be available on SIS by the 4th week of the term. Students should check their exam schedule several times to be sure changes were not made (this is rare but it can happen).

Calculating your GPA

To calculate your term GPA:

1. To determine quality hours (QH) for each grade earned, multiply the Quality Points (QP) by the number of units for the course.

Example: A “B+” grade (3.33 quality hours) earned in a 4-unit course is worth 13.32 quality hours.

2. Total the number of **quality hours**. Then divide that number by the total number of **credit hours** attempted. For Example:

Course	Grade	QP	x	UNITS =	QH
BIOL 101	A	4.00		3	12.00
CHMO 231	B	3.00		3	9.00
CHMO 236	B	3.00		1	3.00
ENGL 210	B+	3.33		3	9.99
SOCI 102	A-	3.67		<u>3</u>	<u>11.01</u>
				13	45.00

45 quality hours ÷ 13 units attempted = 3.46 GPA.

All GPA calculations will be carried out to two decimal places. Rounding will be done by adding .005 to the unrounded results and truncating after the second decimal.

Grade	Description	Quality Points
A	Excellent	4.00
A-		3.67
B+		3.33
B	Above Average	3.00
B-		2.67
C+		2.33
C	Satisfactory	2.00
C-		1.67
D	Minimum Passing Grade	1.00
F	Failure	0.00

Confidentiality

RIT complies with the (FERPA) Family Educational Rights and Privacy Act of 1974 which governs access and release of information from student educational records. This statute, in part, permits you to inspect your educational records, provides the opportunity for you to challenge such records as inaccurate, and limits disclosure of non-directory information such as grades and class schedules to persons outside of the institute without your written permission.

Recognizing the need for RIT, its faculty and staff to draw upon aspects of your educational record to prepare or release evaluations and letters of recommendation to schools, prospective employers, and other persons, KGCOE provides a waiver form (available from your department staff) which students may sign to authorize such disclosure.

KGCOE Academic Honesty Policy

KGCOE Honor Principle

“RIT Engineering faculty, staff and students are truthful and honorable, and do not tolerate lying, cheating, stealing, or plagiarism.”

All members of our community are expected to abide by these principles and to embrace the spirit they represent. We each have a responsibility to address any unethical behavior we observe; either through direct discussion with the offending party, or by discussion with an appropriate faculty or staff member. Allowing unethical behavior to continue unchallenged is not acceptable.

Academic Misconduct

Policy D08.0 Student Academic Integrity Policy defines academic misconduct and the process by which cases of alleged academic misconduct are administered. Academic Dishonesty falls into three basic areas: cheating, duplicate submission and plagiarism.

1. Cheating is any fraudulent or deceptive academic act, including falsification of data, possessing, providing, or using unapproved materials, sources, or tools for a project, exam, or body of work submitted for faculty evaluation.
2. Duplicate submission is the submitting of the same or similar work for credit in more than one course without prior approval of the instructors for those courses. (If the courses are taken in separate terms, only the permission of the second instructor is required.) Similar rules apply for prior work done on co-op.
3. Plagiarism is the representation of others’ ideas as one’s own without giving proper credit to the original author or authors. Plagiarism occurs when a student copies direct phrases from a text (e.g. books, journals, internet), or paraphrases or summarizes those ideas without attribution. This also applies to group effort on work submitted for faculty evaluation.

Consequences of Academic Misconduct

At the instructor’s discretion, violations of the academic integrity policy will incur a consequence that ranges from a lowered grade for an individual item (homework, quiz, exam, etc.) to an “F” in the course. ***Cases involving a pattern of repeat offenses will be referred to the Dean’s office for possible academic suspension.***

KGCOE Faculty and Staff Responsibilities

The faculty and staff bear key responsibilities in ensuring that students adhere to the RIT Academic Integrity Policy and the KGCOE Honor Principle. As such, they are expected to do the following:

1. Faculty are expected to remind students of the honor principle and academic integrity policies in every course, as an intrinsic part of the course materials, and ideally as a point of discussion.
2. Faculty are expected to inform students of what specific exceptions to the rules may apply to a particular course, such as whether working together on homework or lab assignments is permitted.
3. Faculty have an ethical responsibility to uphold academic integrity policies in their courses. Student grievances against any faculty member who fails to enforce academic honesty policies may be made to other faculty, advisors, or department heads within KGCOE, who will report these grievances to the appropriate administrator.
4. Administrators will support the faculty enforcement of these policies.
5. In the event of a student breach in academic integrity, KGCOE faculty and administrators are expected to follow the procedures outlined in D08.0, D17.0, and D18.0 to the best of their ability. The remainder of this document provides guidance to help faculty in executing this responsibility.

Discrimination and Harassment Policy

The RIT community is committed to a diverse and dynamic learning, working, and living environment.

RIT will not discriminate in terms and conditions of employment, admission, and participation in programs or residential life.

RIT prohibits discrimination and harassment on campus, or at any RIT activities off campus, by its administrators, faculty, staff, students and student organizations, and external organizations and individuals. RIT defines discrimination as behavior which uses age, citizenship, color, creed, culture, disabilities, gender, marital status, national origin, political affiliation or preference, race, or sexual orientation as a basis for:

- making hiring or admissions decisions at RIT,
- determining participation in programs at RIT or sponsored by RIT,
- academic standing, or access to any benefit or privilege at RIT,
- administering disciplinary processes, except where distinctions are bona fide or otherwise permitted or required by law.

RIT defines harassment as unwelcome physical contact, conduct, or communication which has the purpose or effect of:

- unreasonably interfering with an employee's or student's work, academic activities or residential life at RIT, or participation in RIT-sponsored programs or events,
- creating an intimidating, hostile, or abusive environment for an employee or student at RIT or in RIT-sponsored programs or events, as determined by RIT policy.

RIT is committed to an environment which encourages, promotes, and protects free inquiry and free expression. Members of the RIT community have the right to hold, express vigorously, defend, and openly promote their ideas and opinions. The RIT policy prohibiting discrimination and harassment is not intended to restrict freedom of speech or any form of artistic or visual expression.

The policy is also not intended to restrict discussion and debate in the classroom or academic forum. Protecting these values does not include protecting acts of discrimination or harassment.

Making an intentionally false charge of discrimination or harassment or retaliating against someone who has made a charge is as serious an offense as discrimination or harassment and is prohibited.

SUPPORT SERVICES

This list provides brief descriptions of some of the many support services available to you. If you have need of a special service that is not described below, please let your department office or the Student Services office (GLE/2203) know and every effort will be made to connect you with the appropriate office or group.

Academic Support Center (ASC)

Monroe Hall (MON/2080)

The ASC provides a variety of services for students experiencing academic difficulty or need some support in managing their coursework.. (585-475-6682, <http://www.rit.edu/studentaffairs/asc>)

Bates Study Center

Gosnell Hall (GOS/1200)

This area provides free tutoring services each term in the areas of mathematics, chemistry and physics. The tutoring schedule changes each term and students are encouraged to check the College of Science website for new times and tutors. This information is also available at <http://www.rit.edu/studentaffairs/asc/>

Center for Religious Life

Schmitt Interfaith Center (SMT/1400)

Campus ministers for various religious traditions are available for religious services, personal counseling, and many program activities. <http://www.rit.edu/studentaffairs/religion> or call Ext. 52135-V/TTY.

Center for Women & Gender

Campus Center (CPC/1760)

This organization is committed to promoting a campus community that is safe, equitable and respectful of all members. It is a resource for the entire RIT Community.

ritwom@rit.edu, Ext. 57464

Computer Engineering Mentoring Lab

James E. Gleason Hall (GLE/3452)

This lab helps students from Computer Engineering and Software Engineering with their programming courses. Since the schedule of mentors changes termly, students are encouraged to check www.rit.edu/eng click on Advising/Student Services and link to tutoring/mentoring.

Counseling Center

August Center (AUG/2100)

The counselor center offers free and confidential services including 1-1 counseling, group counseling, alcohol/drug assessment, therapy, and meditation. . <http://www.rit.edu/studentaffairs/counseling> or call Ext. 52261-V. 56897-TTY.

Disability Service Office (DS)

Student Alumni Union (SAU/1150)

The DSO ensures access to educational programs by reviewing documentation of disabilities, approving accommodations, referring students to appropriate campus services and serving as a resource. <http://www.rit.edu/studentaffairs/disabilityservices> or call Ext. 52023.

English Language Center (ELC)**Monroe Hall (MON/2040)**

The ELC offers courses of study of English as a second language to non-native speakers on a full-time and a part-time basis. Program offerings include conversation, grammar, writing, vocabulary, reading, presentation skills, business communication, and TOEFL preparation.

<http://www.rit.edu/studentaffairs/elc> or call Ext. 56684-V/TTY.

I'm First**Campus Center 2720**

I'm First is a program offering support to first generation students (neither parent or guardian has obtained a 4-year degree). To find information about this program, use the following link:

<https://www.rit.edu/studentaffairs/survivalguide/diversity/i%E2%80%99m-first-program>

International Student Services (ISS)**Student Alumni Union (SAU/2330)**

The ISS office assists international students on visas with immigration regulations and travel documents as well as provides support for students adjusting to the academic and cultural expectations in the US.

<http://www.rit.edu/emcs/ptgrad/international/international.php> or call Ext. 56943-V/TTY.

KGCOE Engineering Student Services Office**James E. Gleason Hall (GLE/2203)**

The mission of the KGCOE Student Services Office is to provide a place for engineering students to find advising, support and counseling services to build a solid foundation in the Kate Gleason College of Engineering. <http://www.rit.edu/kgcoe/student-resource/advising-services> or call Ext 57994.

Multicultural Center for Academic Success (MCAS)**Student Alumni Union (SAU/2300)**

MCAS provides services and develops initiatives to enhance the student experience of Latino American, African American, and Native American RIT students. It provides personal advising, advocacy, leadership development opportunities, diversity education, cultural programming, and a connection to campus and community resources. Call Ext. 54704 or <http://www.rit.edu/president/mcas/>.

NTID Engineering Support Services**James E. Gleason Hall (GLE/1115)**

A wide variety of services are available for engineering deaf and hard of hearing students. These include: note taking, tutoring, career counseling, academic advising, interpreting requests, and personal counseling. http://www.ntid.rit.edu/current/departments/ist/support_services.php or call 55314 or TTY 52209.

Public Safety**Grace Watson Hall (GWH)**

This office is open 24 hours a day and provides escort service, lost and found, vehicle registration, medical/handicap parking permits, and public safety programs. <http://finweb.rit.edu/publicsafety> or call Ext. 52853-V or Ext. 56654-TTY. For emergencies, call Ext. 53333-V or Ext. 56654-TTY.

Public Safety offers a free **TigerSafe app** that allows campus users to connect with RIT Public Safety officers turning any smartphone into a virtual blue light security phone.

Q Center**Student Alumni Union (SAU/A530)**

The Q Center is committed to promoting a campus community that is safe, equitable and respectful of all members. They foster an educational environment in which all community members can be successful without regard to gender, racial/ethnic origins, sexual orientation, gender identity and expression and socioeconomic status. Call Ext. 56355 or email: qcenter@rit.edu.

Student Health Center**August Center (AUG)**

The Student Health Center is staffed by physicians, registered nurses and nurse practitioners that provide healthcare, education and support to students

<http://www.rit.edu/studentaffairs/studenthealth> or call Ext. 52255-V/TTY or Ext. 55515-TTY.

Student Wellness Center**August Center (AUG 2nd Floor)**

Student Wellness is a cluster of programs and services focused on supporting student success and promoting a campus culture that encourages healthy lifestyles through collaborative education, programming and support services. studentwellness@rit.edu or call Ext. 53963

Wallace Library**The Wallace Center (WAL)**

The library provides information in many forms including print, compact disks, microfilm, and microfiche. An on-line computer catalog, computerized searching capabilities, and interlibrary loan provide access to virtually all publicly available material. Reference librarians are on duty during the week and weekends to assist in the use of these resources. <http://wallacecenter.rit.edu> or call Ext. 52562-V or Ext. 52962-TTY.

Women in Engineering (WE@RIT)**James E. Gleason Hall (GLE/2505)**

This organization seeks to increase the enrollment and improve the retention rate of women students in engineering. WE@RIT provides interested students opportunities in leadership, mentoring, and participation in outreach activities. <http://www.rit.edu/kgcoe/women> or Ext. 56321

ECCO Center (Engineers of Color Creating Opportunities)**Engineering Hall (ENG/2641-43)**

This organization seeks to increase the enrollment and improve the retention rate of AALANA students in engineering. The ECCO Center provides interested students opportunities in leadership, mentoring, and participation in outreach activities. <http://www.rit.edu/kgcoe/ecco> or Ext. 52162

Student Chapters of Professional Organizations**American Institute of Chemical Engineers (AIChE)**

The student chapter of AIChE provides students with the opportunity to take part in many aspects of this professional organization. Students gain leadership skills and meet chemical engineers at a variety of events throughout the year.

Advisor: Dr. Patricia Taboada-Serrano, INS/2105, Ext. 57337, ptsche@rit.edu

American Society of Mechanical Engineers (ASME)

The student chapter of ASME offers educational, technical, and social activities. Leadership is developed through formal training at an annual fall conference and through actual practice. The student chapter maintains close contact with and receives support from local chapter.

Advisor: Prof. Timothy Landschoot, GLE/2134, Ext. 57439, tpleme@rit.edu

Engineers for a Sustainable World (ESW)

The student chapter of ESW works to involve students in hands-on projects that will ultimately improve sustainability worldwide.

Advisor: Dr. Brian Thorn, GLE/1596, Ext 56166, bkteie@rit.edu

Institute of Electrical and Electronic Engineers (IEEE)

IEEE is the world's largest professional engineering society. The RIT student branch strives to expose its members to industry and practicing professional engineers by sponsoring guest speakers, arranging plant tours, and conducting design contests.

Advisor: TBA

Institute of Industrial and Systems Engineers (IISE)

The student chapter of IIE is an on-campus professional engineering society whose function is to integrate academic knowledge with real-world practical applications. Activities include plant tours, guest speakers, regional student conferences, as well as the national spring conference.

Advisor: Prof. John Kaemmerlen, GLE/1562, Ext. 52767, jxkpdm@rit.edu

Microelectronic Engineering Student Association (MESA)

In MESA students who come together to help the community. Current involvements are Habitat for Humanity, Adopt-A-Highway, Adopt-A-Freshman, and other community organizations. Students help each other through tutoring and networking.

Advisor: Dr. Robert Pearson, ENG/2923, Ext. 52645, repemc@rit.edu

National Society of Black Engineers (NSBE)

The student chapter of the National Society of Black Engineers is dedicated to the retention, recruitment, and successful graduation of its members.

Advisor: Dr. Reggie Rogers, INS/2109, rerche@rit.edu

Society of Automotive Engineers (SAE)

The purpose of the RIT Society of Automotive Engineers is to give students the opportunity to meet with senior engineers in industry and provide students a chance to apply their classroom knowledge in such projects as the formula, solar and aero design competitions. Meeting announcements are posted on the SAE bulletin board outside the office of the Mechanical Engineering Department.

Advisor: Dr. Alan Nye, GLE/2181, Ext. 56121, ahneme@rit.edu

Society of Hispanic Professional Engineers (SHPE)

The Society of Hispanic Professional Engineers is an association of professionals and students in engineering, science, technology, business, and other related disciplines at RIT. SHPE's basic thrust is to identify and promote professional growth opportunities for Hispanics. Some examples of this commitment to professional development are the regional and national leadership and career conferences for SHPE members.

Advisors: Dr. Marcos Esterman, GLE/1598, Ext 56922, mxeie@rit.edu

Dr. Ruben Proano, GLE/1593, Ext 54236, rpmeie@rit.edu

Society of Manufacturing Engineers (SME)

The Society of Manufacturing Engineers is dedicated to the advancement of scientific knowledge in the field of manufacturing engineering. The student chapter activities include plant tours, speakers, and participation in national competitions. It interacts and works closely with the Rochester senior chapter.

Advisors: Prof. Michael Slifka, GOL/1121, Ext 55160, mjismet1@rit.edu and

Dr. Duane Beck, GOL/1155, Ext 56118, dpbcad@rit.edu

Society of Women Engineers (SWE)

The Society of Women Engineers at RIT is a student-run organization. Its members belong to engineering and engineering technology majors. SWE organizes several functions each term such as guest speakers, high school outreach, community activities, co-op interview discussions, tours, social events, and events with other student organizations. The RIT section is strongly committed to the encouragement of women in pursuing a career in engineering or related fields.

Advisor: Dr. Marca Lam, GLE/2190, Ext. 56871, mjleme@rit.edu

Society of Plastic Engineers (SPE)

The Society of Plastic Engineers is an association of students and professionals dedicated to the advancement of knowledge and education for all plastics professionals.

Advisor: Dr. Christopher Lewis, GOL/1329, Ext. 56848, cllmet@rit.edu

Honorary Societies

Membership in the following two organizations is based largely on outstanding academic achievement.

Pi Tau Sigma

Pi Tau Sigma is the mechanical engineering national honor society. Membership is open to women and men ranked in the upper third of the class in their fourth and fifth years at RIT. Chapter activities are tailored to foster high ideals in the engineering profession, support departmental activities, and promote professionalism. Service activities are supported by fund raising and social events.

Tau Beta Pi

This national engineering honor society was founded to mark in a fitting manner those who have brought honor to their alma mater by distinguished scholarship and exemplary character either as students in engineering or by their attainments as alumni in the field of engineering. It was also founded to foster a spirit of liberal culture in engineering colleges. Election to Tau Beta Pi is one of the highest honors that can come to an engineering student from his or her peers.

Special Interest Clubs

You can find clubs for any extra-curricular interest you may have. Here are a few of particular interest to engineering students. For more information on student clubs go to:

<https://www.rit.edu/studentaffairs/campuslife/clubs/join-club> and
<https://thelink.rit.edu/>

All clubs are open to all students no matter what their field of study.

Aero Design Club

Amateur Radio Club

Audio FX

Baja SAE Club

Bioengineering Club

Engineering Student Council

Engineers for a Sustainable World

FIRST Robotics Team

Formula SAE Team

Green Vehicle Team

Human Powered Vehicle

Micro-Air Vehicle Club

Robotics Club

SAE Clean Snowmobile Team

ADDITIONAL SERVICES AND CONTACT INFORMATION

SERVICE	OFFICE	CONTACT
Accessibility for Students with Physical and Dev. Disabilities (both temporary and permanent).	Disabilities Services Sue Ackerman, Coordinator; Student Alumni Union 1150 Email: smacst@rit.edu TTY: 56988	Stephanie Krebbeks Disabilities Coordinator Academic Advisor Gleason Hall 3113 Ext. 52379-V; 52145-V/TTY
Billing (tuition, fees, meal plans)	Student Financial Services University Services Center 1st floor Ext. 56186-V; 52080-TTY	https://eservices.rit.edu/eServices/welcome.do
Career Counseling	Co-op & Career Services Office Bausch & Lomb Center, 1125 Ext. 52301 V 56905 TTY	
Change of Mailing Address	Registrar Eastman Hall 1 st floor	SIS (Student Information System)
Change of Program	Department Staff	Student Services Counselors Gleason Hall 2203 Ext. 57994
Co-op	Cooperative Education and Career Services Bausch & Lomb Center 1125 52301 V 56905 TTY	http://www.rit.edu/co-op/careers
Copy Machines		<i>Wallace Memorial Library, HUB Printing & Postal Center, Fine Arts Media Center</i>
Emergency Escort Service	Public Safety Ext. 53333-V; 56654-TTY	
Engineering Skills Help	Erdle Commons (Electrical & Mechanical) See Dept websites for other tutoring areas	Student Services Counselors Gleason Hall 2203, Ext. 57994 www.rit.edu/eng , click on Advising/Student Services and link to tutoring/mentoring
English Language	English Language Center Monroe Hall 2040 Ext. 56684	
Fax Machine		OSCA Office Campus Center 2010
Financial Aid and Scholarships	Financial Aid Bausch & Lomb Center 2107 Ext. 52186-V; 56909-TTY	

ADDITIONAL SERVICES AND CONTACT INFORMATION

SERVICE	OFFICE	CONTACT
Illness	Student Health Ctr. August Center 1st floor Ext. 52255-V/TTY; 55515-TTY	
Library Skills Help	Wallace Library Reference Desk The Wallace Center Ext. 52563-V/TTY	
Lost & Found	Public Safety Ext. 52074-V; 52853 TTY	Student Services Office Gleason Hall 2203 Ext. 57994-V/TTY
Math Skills Help	Bates Study Center Gosnell Hall 1200	http://www.rit.edu/studentaffairs/asc/
Parking Permit	Parking Office Grace Watson Hall 1160 Ext. 52074-V/TTY	https://www.rit.edu/fa/parking/parking
Personal Counseling	Counseling Center August Center 2100 Ext. 52261-V/TTY	Student Services Counselors Gleason Hall 2203 Ext. 57994
Physics Skills Help	Bates Study Center Gosnell Hall 1200	http://www.rit.edu/studentaffairs/asc/
Student ID Card	Registrar's Eastan 1st floor Ext. 52821-V/TTY	
Support for Women Engineering Students		WE@RIT Gleason Hall 2505 Ext. 52264-V; 52145-TTY
Support for Minority Engineering Students	Multicultural Center for Academic Success (MCAS) Student Alumni Union 2300	
Writing Skills Help	Writing Commons in the Wallace Center, 1 st Floor	https://wallacecenter.rit.edu/services/writing-commons

Your First Year of College: 25 Tips to Help You Survive and Thrive Your Freshman Year and Beyond

by Dr. Randall S. Hansen, CareerDoctor.org

1. **Go to all orientations.** Do you really need to go on yet *another* campus tour? Yes. The faster you learn your way around campus -- and around all the red tape -- the more at ease you'll feel and the better prepared you'll be when issues arise.
2. **Get to know your roommate and others in your residence hall.** The people you live with, most of whom are going through similar experiences and emotions as you, are your main safety net -- not only this year, but for all your college years. You may change roommates after the first semester or you may stay roommates for all four or five years -- just take the time to get to know your fellow first-year students.
3. **Get Organized.** In high school, the teachers tended to lead you through all the homework and due dates. In college, the professors post the assignments -- often for the entire semester -- and expect you to be prepared. Buy a planner or use your phone or a big wall calendar -- whatever it takes for you to know when assignments are due.
4. **Find the ideal place for you to study.** It may be your dorm room or a cozy corner of the library, but find a place that works best for you to get your work done -- while avoiding as many distractions as possible.
5. **Go to class.** Obvious, right? Maybe, but sleeping in and skipping that 8 am class will be tempting at times. Avoid the temptation. Besides learning the material by attending classes, you'll also receive vital information from the professors about what to expect on tests, changes in due dates, etc.
6. **Become an expert on course requirements and due dates.** Professors spend hours and hours preparing course syllabi and calendars so that you will know exactly what is expected of you -- and when. One of the lamest (and most common) excuses a student can give a professor: "I didn't know it was due today."
7. **Meet with your professors.** Speaking as a professor, I can assure you there are only upsides to getting to know your professors, especially if later in the semester you run into some snags. Professors schedule office hours for the sole purpose of meeting with students -- take advantage of this time.
8. **Get to know your academic advisor.** This is the person who will help you with course conflicts, adding or dropping courses, scheduling of classes for future semesters, deciding on majors and minors. This person is a key resource for you -- and should be the person you turn to with any academic issues or conflicts.
9. **Seek a balance.** College life is a mixture of social and academic happenings. Don't tip the balance too far in either direction "Work hard, play hard" tends to be what the students say now 😊.
10. **Get involved on campus.** A big problem for a lot of new students is a combination of homesickness and a feeling of not quite belonging. A solution? Consider joining a select group -- and be careful not to go overboard -- of student organizations, clubs, sororities or fraternities, or sports teams. You'll make new friends, learn new skills, and feel more connected to your school.
11. **Strive for good grades.** Another obvious one here, right? Remember the words of the opening paragraph; while good grades could have come naturally to you in high school, you will have to earn them in college -- and that means setting some goals for yourself and then making sure you work as hard as you can to achieve them.

12. **Take advantage of the study resources on campus.** Just about all colleges have learning labs and tutors available. If you're having some troubles, these resources are another tool available to you. Another idea: form study groups.
13. **Make time for you.** Be sure you set aside some time and activities that help you relax and take the stress out of your day or week. Whether it's enlisting yoga techniques, watching your favorite television shows, or writing in a journal, be good to yourself.
14. **Don't feel pressured to make a hasty decision about a career or a major.** It doesn't matter if it seems as though everyone else seems to know what they're doing with their lives -- believe me, they don't -- college is the time for you to really discover who you are, what you enjoy doing, what you're good at, and what you want to be. It's not a race; take your time and enjoy exploring your options.
15. **Take responsibility for yourself and your actions.** Don't look to place the blame on others for your mistakes; own up to them and move on. Being an adult means taking responsibility for everything that happens to you.
16. **Make connections with students in your classes.** One of my best students said his technique in the first week of classes was to meet at least one new person in each of his classes. It expanded his network of friends -- and was a crucial resource at times when he had to miss a class.
17. **Find the Career Services Office.** Regardless of whether you are entering college as an undeclared student or have your entire future mapped out, seek out the wonderful professionals in your college's Career Services Office and get started on planning, preparing, and acting on your future.
18. **Don't procrastinate; prioritize your life.** It may have been easy in high school to wait until the last minute to complete an assignment and still get a good grade, but that strategy will not be as effective in college. Give yourself deadlines -- and stick to them.
19. **Stay healthy/Eat right.** A lot of problems first-year students face can be traced back to an illness that kept them away from classes for an extended period of time that led to a downward spiraling effect. Get enough sleep, take your vitamins, and eat right. If you haven't heard the jokes about college food, you soon will. And without mom or dad there to serve you a balanced meal, you may be tempted to go for those extra fries or cookies. Stay healthy and avoid the dreaded extra "Freshman 15" pounds by sticking to a balanced diet. Please seek help on campus at the Counseling Center or the Student Wellness Center if you are struggling with eating habits on campus. 1 in 4 college students develop an eating disorder while in college.
20. **Learn to cope with homesickness.** It's only natural that there will be times when you miss your family, even if you were one of those kids who couldn't wait to get away. Find a way to deal with those feelings, such as making a phone call or sending some email home.
21. **Stay on campus as much as possible.** Whether it's homesickness, a job, or a boyfriend or girlfriend from home, try not to leave campus too soon or too often. The more time you spend on getting to know the campus and your new friends, the more you'll feel at home at school. And why not take advantage of all the cultural and social events that happen on campus?
22. **Seek professional help when you need it.** Most colleges have health and counseling centers. If you're sick or feeling isolated or depressed, please take advantage of the many services these offices provide students. You don't have to face these issues by yourself.
23. **Keep track of your money.** If you've never had to create a budget, now is the time to do so. Find ways to stretch your money - and as best you can, avoid all those credit card solicitations you'll soon be receiving. The average credit card debt of college grads is staggering.
24. **Don't cut corners.** College is all about learning. If you procrastinate and cram, you may still do well on tests, but you'll learn very little. Even worse, don't cheat on term papers or tests.
25. **Be prepared to feel overwhelmed.** There's a lot going in your life right now. Expect to have moments where it seems a bit too much. As one student says, be prepared to feel completely unprepared. The trick is knowing that you're not the only one feeling that way.

KATE GLEASON – A Remarkable Woman...A Special Engineer



The Kate Gleason College of Engineering at RIT, is the only engineering college in the United States named after a woman, and we are very proud to have this distinction. This remarkable woman achieved much during her lifetime including:

- **The first woman admitted to Cornell University's engineering program**
- **The first woman member of the Rochester Engineering Society**
- **The first woman elected to full membership in the American Society of Mechanical Engineers.**

Kate Gleason was a pioneer, engineer, treasurer, salesperson, business leader, banker, developer, builder, suffragette and philanthropist. The positive economic and societal impact that she had on upstate New York and the nation has been substantial and enduring.

This handbook is intended to be an easy reference for new students entering the Kate Gleason College of Engineering. The information in it is drawn from various official RIT publications such as the Undergraduate Bulletin and the Educational Policies and Procedures Manual.

<http://www.rit.edu/academicaffairs/policiesmanual/policies/student>

This handbook should be used as a guide and in conjunction with official RIT publications. Should there be any discrepancies between this handbook and any official RIT publication, please note that the official RIT publication takes precedence.