



## Club Sponsorship

Rochester Institute of Technology

### What is RITSEC?

RITSEC is a student organization that operates under Rochester Institute of Technology, a 501(c)(3) organization. We are dedicated to upholding "Security Through Community" by educating and preparing RIT students for the field of computing security. We believe security is for anyone who wants to learn and center our activities around multiple aspects of security; this includes team-based competitions, hands-on training, student-run research, and sponsor talks. Our security exercises cover a wide variety of areas in cybersecurity, including fundamental topics such as proficiency with Linux and Windows operating systems, competition offense and defense, web security, and networking services, as well as specialized areas like penetration testing, social engineering, reverse engineering, and much more. We also host multiple security competitions every year, giving our students the opportunity to train in simulated attack scenarios. These hands-on experiences provide students with real-world, practical skills they can directly apply during internships and full-time roles in the industry. We strive to stay involved with the larger security community and our alumni at conferences, from B-Sides Rochester to ShmooCon, WiCyS, DEF CON and BlackHat.

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# Section 1

## Sponsorship

### 1.1 Sponsorship Tiers

| Tier        | Amount       | Term         |
|-------------|--------------|--------------|
| Educational | Non-Monetary | Full Year    |
| Silver      | \$1,000+     | One Semester |
| Gold        | \$2,000+     | Full Year    |
| Platinum    | \$5,000+     | Full Year    |
| Diamond     | \$10,000+    | Full Year    |
| Titanium    | \$20,000+    | Full Year    |

|  |                    |                  |                      |                      |                       |
|---|--------------------|------------------|----------------------|----------------------|-----------------------|
|   | Silver<br>\$1,000+ | Gold<br>\$2,000+ | Platinum<br>\$5,000+ | Diamond<br>\$10,000+ | Titanium<br>\$20,000+ |
| <b>Events - Get a booth and network at these events</b>                           |                    |                  |                      |                      |                       |
| Career Fair Eve   | 🔓                  | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| IRSeC or ISTS Table   |                    | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| IRSeC and ISTS Table  |                    |                  | 🔓                    | 🔓                    | 🔓                     |
| Sponsored Event   |                    |                  |                      | 🔓                    | 🔓                     |
| <b>Perks - Get some fancy perks with your sponsorship</b>                         |                    |                  |                      |                      |                       |
| Club Talks  | 🔓                  | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| Company Logo on Competition Merch   | 🔓                  | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| Competition Inject  | 🔓                  | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| RITSEC Newsletter   | 🔓                  | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| Add a ISTS CTF Challenge  |                    | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| Speak at IG   |                    | 🔓                | 🔓                    | 🔓                    | 🔓                     |
| Create a RITSEC CTF Challenge   |                    | (2)              | (3)                  | (4)                  | (5)                   |
| Member Resume Booklet   |                    |                  | 🔓                    | 🔓                    | 🔓                     |
| ISTS Red Teamer   |                    |                  | 🔓                    | 🔓                    | 🔓                     |
| Clubroom Plaque   |                    |                  |                      | 🔓                    | 🔓                     |
| IRSeC Red Teamer  |                    |                  |                      | 🔓                    | 🔓                     |
| IRSeC Keynote   |                    |                  |                      | 🔓                    | 🔓                     |
| Recognition w/ All Research Swag  |                    |                  |                      |                      | 🔓                     |
| Company & RITSEC Merchandise Line   |                    |                  |                      |                      | 🔓                     |
| ISTS Keynote  |                    |                  |                      |                      | 🔓                     |
| All sponsors will be notified of any changes to these benefits.                   |                    |                  |                      |                      |                       |

### 1.2 Non-Monetary Sponsorship Benefits

Educational sponsors support the club through non-monetary contributions. These can include guest presentations, donations or discounts of company certification exams, subscriptions, and more. Educational sponsors are assigned to the monetary tier corresponding to donation value. Regardless of value, educational sponsors are entitled to the following benefits: Virtual Career Fair Eve, RITSEC Newsletter, Company Logo, and Club Talks.

## 1.3 Monetary Sponsorship Benefits

All sponsorship tiers come with all preceding benefits. For example, Titanium tier is also able to sponsor a mentorship or interest group, though it is only explicitly written in Diamond tier. More information is freely available upon request for any of the benefits at each sponsorship tier, and if you believe you don't fit well into a given sponsorship tier or want a benefit not listed we are often happy to accommodate and would love for you to reach out with any questions.



### Company & RITSEC Merch Line

As a titanium sponsor, some of your company funds will go to creating a merchandise line with clothing items such as shirts, sweatshirts, crew necks, and zip-ups that focuses on your company's involvement in the club. Both logos will be clearly incorporated and all RITSEC members will receive an article of clothing.

### Recognition with all Research Swag

RITSEC distributes research rewards for students that complete a number of research presentations during the club's general meeting. Items such as: WiFi Pineapples, YubiKeys, and lockpicks further the education of members. As a diamond sponsor, a portion of your gift money will go towards purchasing these rewards and your company will get some form of recognition each time they are distributed.



### Private Sponsor Event

Once a year, diamond level sponsors are invited to host a sponsor event for club members. This event can range from a competition, such as a CTF or penetration testing competition, to a private recruiting event. It is left ultimately up to the sponsor what this day will entail and all facilities reservations at RIT will be handled by the RITSEC executive board.

### Clubroom Plaque

Our club has a dedicated room on the second floor of RIT's Global Cybersecurity Institute that attracts hundreds of students, members and prospective members, every day. For all diamond sponsors, the club will get a metal plaque and hang it up near the door for recognition and all members to see.

### ISTS Keynote Presentation

Each year, at our ISTS competition, we have a keynote speech attended by every competitor and the majority of competition staff, totaling to roughly 150 people. As a titanium sponsor, you will be eligible to send a speaker for the competition to present on a subject of your choosing, typically twenty to forty minutes in length.

### Participate in IRSeC Red Team

While our ISTS competition is consistent of students from many schools and red teamed entirely by alumni or sponsors and well known, we also host a lesser known internal competition for RITSEC students only. Participating in this competition is a great way to find promising students, as they will likely be searching for internships.

### IRSeC Keynote Presentation

IRSeC is a red-vs-blue competition that is run completely by the students involved in RITSEC. Upper-classmen members build the competition and act as the Red Team. Underclassmen members compete in teams of 5 to defend their infrastructure. The keynote presentation is generally forty minutes in length and is one of the club's best ways to interact with RIT's young security professionals.

# PLATINUM

## Participate in ISTS Red Team

Our ISTS competition is well known, and receives competitors from all across the country and grows in size each year. As a platinum sponsor, you will be able to send anyone you would like to participate as a member of the red team for the competition, and interact with promising students working in competition infrastructure, as well as students competing in the competition itself. Students often very favorably look at companies they meet at ISTS, and very consistently apply to relevant positions.

## Member Resume Booklet

Your company will be sent a booklet of all RITSEC members actively seeking employment. By using this booklet, your company will be able to decide which members would be a good fit for your company and schedule interviews at any point when you are hiring, not just during Career Fair Eve.

## Company Table at IRSeC and ISTS

As a platinum sponsor, you are entitled to a table outside the competition room at all of our competitions. At this table, you have the option to create challenges that earn students points, or simply use the opportunity to network with potential employees. Through the combination of these two opportunities, you can expect to meet 150 RIT students and 80 additional students from 16 other universities.

# GOLD

## Company Table at IRSeC or ISTS

As a gold sponsor, you are entitled to a table outside the competition room at either of our red-vs-blue competitions. At this table, you have the option to create challenges that earn students points, or simply use the opportunity to network with potential employees. At IRSeC, you can expect to meet 100 RIT students and at ISTS, you can expect to meet 50 RIT students and 80 additional students from 16 other universities.

## RITSEC CTF Challenge

The RITSEC CTF is the largest outreaching program the club has to offer. With over 300 teams of 5 from across the country, this event reaches 1500 security-driven people. As a gold sponsor, your company is entitled to write two challenges that will be given to competitors. Each sponsor tier above gold adds one more challenge to this total.

## Speak at an Interest Group

As apart of our mission to provide club members with preparedness in various fields within the cybersecurity industry, we host Interest Groups. These groups meet weekly and discuss contemporary topics led by students that have professional experience. As a gold sponsor you will be afforded the chance to speak at one of these Interest Groups to help educate and share your expertise with students who are passionate in your field of cybersecurity.

## ISTS CTF Challenge

One aspect of RITSEC's large ISTS competition is the Capture-the-Flag challenges. There are generally upwards of thirty challenges created by sponsors and club members. As a gold sponsor, the opportunity is available to your company to make a few of these challenges.

# SILVER

The silver tier of sponsorship was created for perspective sponsors to start an engagement with the club and view the level of security professionals we have to offer.

## Career Fair Eve

Every semester the night before the larger RIT career fair, RITSEC hosts a sponsor-only career fair event. All sponsors are invited and encouraged to set up a recruiting table at the event. You can read more in [1.4 Career Fair Eve](#).

## RITSEC Newsletter

Get a club newsletter every semester to stay updated on all club events and any interesting research club members are working on.

## Competition Inject

During IRSeC and ISTS, they have scored business items called injects. These injects can range from adding users to creating firewall rules and all require a report to be graded. With this benefit, your company can created one of these injects and submit at least a month before the competition.

## Club Talks

During the club's general meeting every Friday, there is a 2 hour time period labeled "Research" where members, PhD students, and sponsors present on any meaningful cybersecurity topic they would like. These talks are live streamed and recorded for club members to view online at any time.

## Company Logo

Get your company logo on the RITSEC website and any club-distributed event shirts. Currently, ISTS and IRSeC distribute these shirts.

## 1.4 Career Fair Eve

During both fall and spring semesters, RITSEC hosts a member-exclusive career fair with all club sponsors the Monday and Tuesday before the RIT career fair. The Monday event is hosted on Zoom for all sponsors who can not attend the Tuesday club career fair in person. The Tuesday event is hosted in the Global Cybersecurity Institute conference rooms, where each sponsor receives a table for recruitment.

This event is beneficial to sponsors because the RIT co-op requirement drives students toward a focus on hands-on experience with vulnerability research, cloud computing, incident response, red teaming, teamwork, and project management. Club members receive this experience specifically from working with club assets and attending events funded by our sponsors, ultimately creating the highest quality applicants.

Sponsors receive early access to club member submitted resumes and nearly 200 in-person security specific attendees before the larger career fair.



Career Fair Eve Fall 2024

# Section 2

## Competitions

### 2.1 Incident Response Security Competition (IRSeC)

IRSeC is our beginner-friendly competition that focuses on the basics of network defense and incident response. The environment exposes competitors to technologies commonly found in industry, while giving them the opportunity to learn. They will be asked to keep business critical services up and available. Competitors will also be asked to complete various assignments and tasks, called injects, which are similar to day-to-day business tasks. While handling these aspects, the student-led RITSEC Red Team attacks the competing teams to simulate threat actors. The competition is designed to teach the fundamental concepts of incident response in a fun, hands-on manner.

Sponsors of tiers Gold and up are encouraged to set up booths at IRSeC and recruit RIT security professionals.



Mid-Competition IRSeC 2024

### 2.2 RITSEC CTF

The RITSEC CTF (Capture the Flag) is a Jeopardy-style competition hosted online for sixty hours in the late spring. Participation is open to teams internationally. The CTF generally focuses on binary exploitation, reverse engineering, cryptography, forensics, programming, and web security challenges. We welcome all skill levels!

### 2.3 Information Security Talent Search (ISTS)

ISTS is an annual three-day competition hosted in the early spring at RIT. Every year, competitors from RIT and 17 colleges around the country are faced with a wide variety of challenges which are designed to

cover many facets of the security industry. This includes defensive and offensive capabilities, system administration, software security, networking, programming, and much more! Challenges and activities include a thematic physical security game, Capture the Flag (CTF), King-of-the-Hill (KoTH), policy writing, incident response, and code review. They must do this all while defending a completely student-built infrastructure. Many collegiate teams are invited back from previous years but there is now an opportunity for new teams to compete in a qualifier to earn a spot at ISTS.

Sponsors of tiers Gold and up are encouraged to set up booths at ISTS and recruit young security professionals.



Group Photo ISTS 2025

## Section 3

# General Meetings

### 3.1 Education

The first half of our weekly meetings (from 12pm - 1pm ET) are for Education where a student or guest speaker gives an hour long presentation where they introduce a security related topic. The speaker is typically well-versed in the topic and provides a unique perspective on the subject. These subjects can range from Blue Teaming topics such as *Intro to Linux* and *Intro to Windows* to more in-depth topics such as *Binary Exploitation/Reversing* and *Wireless/Hardware Security*.



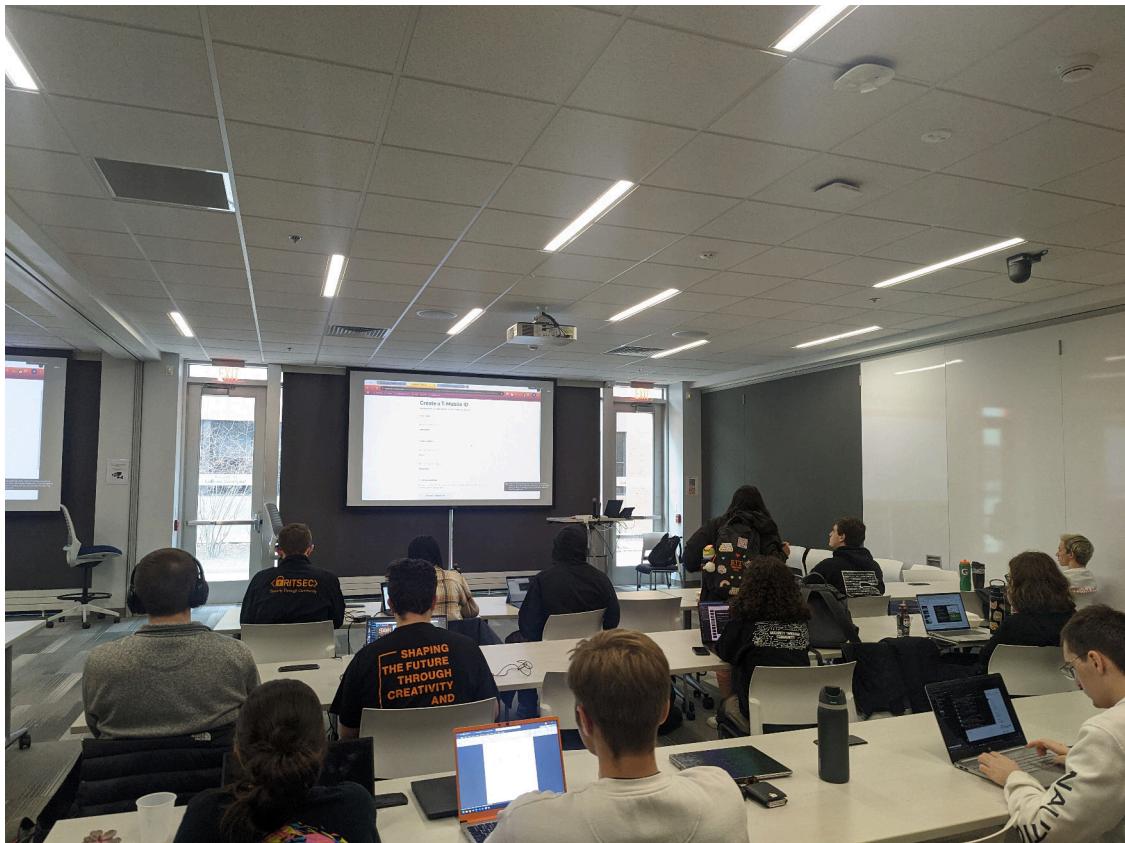
Education Fall 2024

## 3.2 Demos

Weekly demonstrations (demos) are the members' chance to get hands-on experience learning the education topic from that week. They operate like a year-long capture the flag (CTF) competition for members where 5 new challenges are added every Friday. The demos are split into three tiers: easy, medium, and hard. Easy demos can be solved by listening to the week's Education topic, while hard demos involve research and ingenuity to solve. This structure is set up to reinforce research, critical-thinking, and problem-solving skills.

## 3.3 Research

Many of our members work on personal projects and security research during the academic year. RITSEC's Research section—the second portion of our weekly meeting (2pm - 4pm ET)—is where members present their research. There are usually three or four presenters each week. This section allows for club discourse and helps get other members interested in doing projects outside of class. We also offer grants for our members, allowing them to request funding for paid services. This helps our members create amazing presentations!



Industry Presenter from BugCrowd during Research Spring 2025

## Section 4

# Competition Teams

### 4.1 Collegiate Cyber Defense Competition (CCDC) Team

The CCDC team participates in a competition that simulates real-world cybersecurity scenarios. As a blue team, their role is to manage and defend the IT infrastructure of a mock business, working to maintain critical service availability, respond to business needs, and identify and remediate live cyberattacks from a professional red team.

As part of their recruitment efforts, the team holds weekly tryout sessions each fall semester to educate aspiring members and identify new talent. Tryouts conclude with a "CCDC Mini Comp" run by club members to evaluate cyber defense skills in potential new team members. Open to all students in RITSEC, this competition is a great opportunity to gain experience and sharpen blue team skills.

Our team has placed top 3 in the Northeast region for the past 5 years.



NECCDC Regionals 2025

## 4.2 Collegiate Penetration Testing Team (CPTC)

The club's premier penetration testing team. The students that compete on our CPTC team learn known vulnerabilities in Active Directory, Windows, and Linux and how to exploit them. In competitions, these students break into competition architecture that simulates enterprise ecosystems as well as write comprehensive remediation and compliance reports.

Our team won the global competition in 2021 and placed 3rd in 2024.



Global CPTC 2024

## Section 5

# Interest Groups & Partnerships

### 5.1 WiCyS Student Chapter Partnership

The Women in Cybersecurity Student Chapter at RIT is an all-inclusive organization dedicated to making RIT's computing security community an encouraging environment for women. The chapter holds meetings and events for students to share their passion for security while also creating a supportive network in partnership with RITSEC.

### 5.2 Operations Program

The Ops Program is responsible for supporting our physical infrastructure that is used for competitions, weekly Capture the Flag challenges, and other club programs. Members learn the inner workings of topics like software-defined networking, infrastructure-as-code, and datacenter hardware configuration, all on cloud-scale infrastructure.

### 5.3 RITSEC Red Team

A group of students and alumni write and use custom tooling to attack competition infrastructure. This provides a challenging learning environment for blue teams.

### 5.4 Team Contagion

Contagion represents RITSEC in a variety of Capture the Flag (CTF) competitions. Members compete at different ranges of difficulty on both the national and international levels. Additionally, the team creates their own challenges for both the annual RITSEC CTF and the CTF within our ISTS competition.

### 5.5 Wireless

The Wireless Interest Group focuses on penetration testing and securing wireless protocols such as WiFi, Bluetooth, Radio, etc. Through the interest group, students hear presentations from senior members of the club, industry alumni, RIT grad students, and RIT professors. The grad students and professors present research and go in-depth on how the wireless security industry is changing.

### 5.6 Incident Response

The Incident Response Interest group is focused on all things Incident Response. The group specifically targets incident response in a corporate environment but covers both technical and non-technical aspects of Incident Response.

### 5.7 Reversing

The Reversing Interest Group revolves around the in-depth knowledge of binary applications and ultimately reverse engineering malware. Topics such as assembly, executable formats, malware tactics, and much more will be discussed over the entire program's running.

## **5.8 Physical Security**

In the Physical Security Interest group, members will learn all the basics of the world outside of the computer. They get experience picking locks, using alternative entry methods, social engineering, and leveraging open-source intelligence. This group teaches students useful skills that are not typically covered in a computing security education.

## **5.9 RVAPT**

At RVAPT, members learn how to find and exploit vulnerabilities in networks and associated services via hands-on, custom labs. Each week, they learn one to two ways to break into a network and keep building upon it throughout the semester.

# Section 6

# Activities

## 6.1 Mentorship Program

Open to all students, RITSEC's mentorship program pairs more experienced upperclassmen with beginner students, having them work side-by-side on security projects. Forming connections between mentors and mentees fosters the environment of learning and productivity RITSEC strives to have every day, and creates the highest quality students. Upon completion, all mentorship project groups present their experience and findings to the club during the research portion of general meetings.

Some examples of recent mentorship topics have been:

- Freshie's First SIEM: Work through Splunk's College and Workforce training program and prepare for the Splunk Core Certified User exam.
- Ducks in the Wild: Learn how to develop and use a "Bad USB," commonly known as a USB Rubber Ducky, to both attack and defend a computer.
- Networking Essentials: Students learn how to set up and secure networks for defense, and then flip the script by using networking skills in red team scenarios. This mentorship equips students with the knowledge to take control of any network environment.
- Wardriving: Involves creating, typically in a hard-shell carry case, a wireless packet sniffing device that contains location data to then map networks anywhere it passes by. This group developed a wardriving carry case that can be brought around campus to learn more about hands-on wireless security.
- 404 Found Us: Learn and develop a fundamental understanding of how web applications are built, how to spot vulnerabilities in them, and how to recommend mitigations.

## 6.2 Conferences

We also provide resources to our members to attend and network at popular security conferences. For example, our main conference of the year was ShmooCon, a large conference hosted in Washington, D.C. that ran from 2005 to 2025. For this event, we ran our own Shmooze-a-Member program to pay for members who did not receive ShmooCon's Shmooze-a-Student scholarship. Our board is currently seeking a replacement conference that will have similar engagement opportunities for companies in the near future.



ShmooCon 2025

Our WiCyS student chapter also attends the Women in Cybersecurity conference annually. These students in our WiCyS chapter are well equipped to properly engage with industry professionals and gain more from attending these conferences because of the intersectional experiences they have from both RITSEC and WiCyS RIT.



WiCyS 2025

# Section 7

# Contact and Socials

## 7.1 Contact Us

### 7.1.1 RIT Advancement

For additional questions about RIT's gift process and invoice creation.

- **Katey Sackett**  
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### 7.1.2 RITSEC

For any additional questions about club operations, events, etc.

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## 7.2 Find Us Online

- **Website**  
<https://www.ritsec.club/>
- **Twitch (Weekly Meetings, 12-4pm EST)**  
<https://www.twitch.tv/ritsec>
- **YouTube (Archived Talks)**  
<https://www.youtube.com/c/RITSEC>