VIRGINIA TECH IEEE
CORPORATE
SPONSORSHIP PACKAGE

2014-2015
Letter of Introduction

Dear Prospective Corporate Partner,

Hello from the Institute of Electrical and Electronics Engineers (IEEE) Virginia Tech Student Branch. I want to thank you for taking time out of your day to see how your corporation can make a difference to our organization. Your support allows for Virginia Tech IEEE to provide the resources our engineers need so that we can foster excellence, innovation, and growth at Virginia Tech.

During the school year, we work actively to cultivate our members’ interpersonal skills through professional development meetings and informational sessions with corporate representatives. Students are also invited to our annual Student-Professional Awareness Conference (S-PAC) to further sharpen their professional skill set. Additionally, this is our first year organizing a Women in Engineering program with the hopes of developing a strong and diverse community of Virginia Tech IEEE members.

Virginia Tech IEEE is strongly dedicated to the technical development of students through hands-on experience. We support several teams across campus:

- ECE Integrated Design Studio projects
- Project Ellie High Altitude Balloon Design Team
- Microwaves Moon Bounce
- Autonomous Mastery Prototyping Lab (AMP Lab)
- IEEE Hardware team

Through these teams and organizations we encourage students from a variety of backgrounds to participate in the ECE Department’s design projects with real world applications. For the students who are only dipping their toe in the wonders of Engineering, we host Arduino programming seminars, a beginner’s programming workshop for all Virginia Tech students that teaches them the basics to programming Arduino boards.

With over 200 student members, Virginia Tech IEEE has been growing annually. Our ambitions require financial support, and without the generous donations from companies such as yours, we would not have accomplished so much since our chapter’s founding. Remember that your donation is tax-deductible. By supporting IEEE, you are not only aiding young engineers, but also advertising your company to future well rounded employees. You will gain access to one of the world’s richest pools of young engineering professionals. Thank you again for your time and generosity. Please feel free to contact us with any questions, or visit us online at http://www.ieee.vt.edu/

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Corporate Relations  
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**Events**

**S-PAC:**

The Student-Professional Awareness Conference (S-PAC) is one of the Virginia Tech IEEE’s largest and most highly anticipated events of the year. S-PAC is based on six themes: working, career growth, professional ethics and social responsibilities, self-management, engineers, and public policy, and the importance of a professional society to the individual. Students have the opportunity to attend skill-building workshops throughout the day, meet representatives from industry, listen to high profile speakers, and more.

Virginia Tech IEEE hosts S-PAC annually during the spring semester and aims for a cross disciplinary theme. The purpose of this is to allow all engineering students interested in technology to participate. We also extend an opportunity to your company to network with the future engineers from Virginia Tech.

<table>
<thead>
<tr>
<th>Projected S-PAC Expenses</th>
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<tbody>
<tr>
<td>Venue Reservation</td>
<td>$1,000</td>
</tr>
<tr>
<td>Advertising &amp; Brochures</td>
<td>$300</td>
</tr>
<tr>
<td>Catered Lunch</td>
<td>$1,500</td>
</tr>
<tr>
<td>Additional Expenses</td>
<td>$700</td>
</tr>
<tr>
<td><strong>Total Yearly Costs ~ $3,500</strong></td>
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**Women in Engineering:**

Virginia Tech’s Women in Engineering Program is comprised of a series of events focused around promoting female engineers in the workforce. Dinner receptions or networking events are held once a month. Virginia Tech IEEE invites guest speakers, varying from women educated in the fields of gender studies to business professionals, to share their invaluable experiences with the audience. Virginia Tech IEEE aims to promote women in electrical and electronics fields while advocating IEEE leadership roles and advancing careers. With additional financial support, we hope to facilitate the development of programs and activities that promote the growth and retention of Women in Engineering.

<table>
<thead>
<tr>
<th>Projected WIE Expenses</th>
<th></th>
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<tbody>
<tr>
<td>Venue Reservation</td>
<td>$700</td>
</tr>
<tr>
<td>Advertising &amp; Brochures</td>
<td>$100</td>
</tr>
<tr>
<td>Catered Lunch</td>
<td>$1,000</td>
</tr>
<tr>
<td>Additional Expenses</td>
<td>$200</td>
</tr>
<tr>
<td><strong>Total Yearly Costs ~ $2,000</strong></td>
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Officer Training

Virginia Tech IEEE annually plans a retreat for the purpose of leadership development and new officer training. The training is hosted a few weeks into the semester to ensure a smooth transition to the new leadership for the organization. The training consists of team-building exercises, bonding mixers, and officer meetings to discuss plans for the coming school year. Officer training and communication is important for maintaining the retention of well-rounded engineers and leaders from ECE Virginia Tech.

<table>
<thead>
<tr>
<th>Projected Programming Expenses</th>
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<tbody>
<tr>
<td>Annual Networking Banquet</td>
<td>$1,000</td>
</tr>
<tr>
<td>Officer Retreat and Training</td>
<td>$1,500</td>
</tr>
<tr>
<td>Officer Transition Program</td>
<td>$500</td>
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<tr>
<td>Joint Events with ECE Department</td>
<td>$1,000</td>
</tr>
<tr>
<td><strong>Total Yearly Costs ~ $4,000</strong></td>
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General Meetings and Member Networking

General Meetings are held once a month during the school year (8 times a year) to provide our members with organization updates regarding upcoming events and projects. The main point of the General Meeting is to create an environment in which students can interact and socialize in a relaxed setting, allowing them to share feedback or suggestions regarding the section’s projects and activities. It also serves as a platform for IEEE officers and project leads to share information with students about upcoming opportunities and events. Member events are held to help improve our members interpersonal skills. Through time spent making new friends at cookouts to shared experience on our intramural teams we believe this will help improve our members soft skills. Sponsors are welcome to speak at our general meetings for networking, professional interactions, or other purposes.

<table>
<thead>
<tr>
<th>Projected General Meeting Expenses</th>
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<tbody>
<tr>
<td>Food</td>
<td>$2,000</td>
</tr>
<tr>
<td>Advertising</td>
<td>$50</td>
</tr>
<tr>
<td><strong>Total Yearly Costs ~$2,050</strong></td>
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Community Outreach

Message From Our Hardware Chair:

“As IEEE hardware officer, I serve as the face of our local branch to aspiring electrical and computer engineers from elementary school through high school. By introducing young students to a variety of hardware projects, I hope to excite interest in STEM fields by applying the knowledge they learn about in the classroom to real applications and fun activities they can do outside of school. We achieve this end by tailoring technology seminars to different age groups. For example, we will use snap circuits to teach elementary school students how to build simple circuits that spin a fan and play a sound through a speaker; for middle school students, we will work in teams with Lego Mindstorms to build robots that navigate around obstacles; for high school students, we will acquaint them with coding scripts in Arduino and configuring Raspberry Pi boards via the batch shell command line. By engaging students of all ages in a diverse range of intriguing and educational activities it is our goal as a chapter to encourage the young minds of today to be the innovators of tomorrow.”

Kids’ Tech University:

The primary goal of Kids’ Tech University is to create the future workforce in science, technology, engineering, and mathematics (STEM) by sparking kids’ interest in these fields. KTU’s curriculum features three parts:

Virginia Tech IEEE holds an interactive session once a month from January to April, in a lecture hall on campus centered on answering a “why” question. Then the students participate in a career fair fashion Hands-On Activity session where kids and parents walk around to various activities relating to STEM fields.

Boy Scout and Girl Scout Solar Pinewood Derby Race:

This is the first year that Virginia Tech IEEE is partnering with the local Blacksburg Boy Scout and Girl Scout troops to innovate the Pinewood Derby Race. Our chapter’s goals are to expose children to the STEM fields and alternative energy by hosting a daylong event, similar to the Pinewood Derby, but instead the race will be on a flat surface with small cars powered by solar panels. Virginia Tech IEEE will teach and supply the troops with a part kit to create the solar powered derby race cars and educate the troops’ leaders on how to build the cars. The children will still have the freedom to be creative while innovating a competition that has been around for half a century.

<table>
<thead>
<tr>
<th>Projected Outreach Expenses</th>
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<tbody>
<tr>
<td>Teaching tools</td>
<td>$500</td>
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<tr>
<td>Solar panel car parts</td>
<td>$2,000</td>
</tr>
<tr>
<td>Advertising</td>
<td>$50</td>
</tr>
<tr>
<td>Event equipment</td>
<td>$500</td>
</tr>
<tr>
<td><strong>Total Yearly Costs ~$3,050</strong></td>
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</tbody>
</table>
IEEE Hardware Team

IEEE hosts a Hardware Challenge every year testing students in a multidisciplinary challenge. Mechanical, electrical, and software problems are presented to students in a format that requires them to build a 1’ x 1’ by 1’ autonomous and self-powered robot to complete a number of challenges within a given time limit.

In the 2014-2015 school year the robot must play Simon Says for 15 seconds, use an Etch-E-Sketch toy to draw the IEEE logo, rotate a Rubik’s Cube, pick up a single playing card, and follow a line throughout completing each task. The robot will be constructed using originality and creativity to display a high level of engineering skills. Each challenge, indicated using a white square around each toy area, will be accomplished as quickly as possible to aid in achieving full points on each challenge.
You and Virginia Tech IEEE

Virginia Tech IEEE works hard to ensure that the trust you place in us is not only translated to benefit the Virginia Tech community, but to benefit your corporation as well. Our main focus is developing top engineers for industry and potentially for your company by offering a variety of events to ensure our entire student population graduates as well rounded professionals. Our long lasting relationships with our partner companies, our corporate mentors, and supporters, are truly our greatest resource. In addition to our preset benefits seen in the “Sponsorship Tiers” section, we are always flexible in helping our sponsors reach their goals and want to give you the resources to recruit our students and maintain a positive and highly regarded brand on campus. We assure you supporting us will prove to be the best way to reach out to young engineers and benefit them while also getting them interested in working for you.

Donating to Virginia Tech IEEE
Donating to Virginia Tech IEEE is very simple. To become a sponsor, fill out the form attached at the bottom with your contact information, as well as what you would like to put the money toward. Sign the sponsorship form, and mail a check to the address below or use the “Donate Now” link and pay by card. Once we receive the form, we will provide you with the benefits (info sessions, marketing, etc) that come with your sponsorship package.

IEEE Address:
IEEE Student Chapter
302 Whittemore Hall
Blacksburg, VA
24061

Thank You!
On behalf of our entire Virginia Tech IEEE community, we cannot thank you enough for taking the time to help us reach our goals. Without your help, our chapter would not be able to offer as many resources and programs to the Virginia Tech IEEE members or the Blacksburg community. We sincerely appreciate all of your kind support in encouraging young engineers as they transition from college into successful careers.
Sponsorship Tiers
Virginia Tech IEEE offers a variety of sponsorship packages suitable for all types of companies. Whether your business is a startup or a Fortune 500 corporation, we have something to offer you in exchange for your support. We sincerely appreciate all forms of sponsorship, so if you have in mind an alternative level of sponsorship or an alternate idea for working with Virginia Tech IEEE, please contact us so that we can make it happen.

Platinum Package: $2000+
- 2 info sessions per year at Virginia Tech with food provided
- Advertising space on robots at competitions
- Company logo on Virginia Tech IEEE website
- Company profile on Virginia Tech IEEE website

Gold Package: $1,000 - $1,999
- 2 info sessions per year at Virginia Tech with food provided
- Company logo on Virginia Tech IEEE website
- Company Profile on Virginia Tech IEEE website

Silver Package: $500-$999
- 1 info session per year at Virginia Tech with food provided
- Company logo posted on Virginia Tech IEEE website

Bronze Package: $200-$499
- Recognition on the Virginia Tech IEEE website
Company Name: ____________________________________________

Representative Name: __________________________ Representative Title: ______________________

Office Address: _______________________________________________________________________

Phone Number: ( ___ ) _____ - _____ Email Address: _______________________________________

We would like to donate $_________ to Virginia Tech IEEE to fund: (please chose below)

_____ General Use

Specific Use: (please chose below)

_____ SPAC

_____ Women in Engineering

_____ Officer Training

_____ General Meetings

_____ Kid’s Tech University

_____ Solar Derby Race

_____ Hardware Team

_____ Other (please describe)

Please fill out this form and either email it to maddman@vt.edu or include it with your mailed check.

Send Check To:

IEEE Student Chapter
302 Whittemore Hall
Blacksburg, VA
24061