IEEE Event Report

Organizer(s): John Kollar (HOPE Co-Chair)
Event: Hands On Practical Electronics (HOPE)
Date of Event: Wednesday Nights throughout the Semester (Can be changed)
Cost: Upfront Costs covered
Contact(s): None

Brief Description of event: HOPE is a student taught program designed to teach the concepts of Electrical Engineering to anyone who is interested in gaining knowledge about the field. Weekly labs provide students with the basics of Electrical Engineering and introduce the applications of the material in hands-on projects.

Description of planning: Several steps need to be taken to prepare for HOPE. At the beginning of the semester, a day of the week and a time needs to be set for the weekly HOPE sessions. A room then needs to be reserved for the HOPE session. This is done by talking with Dr. Pendleton and requesting a room. Be sure to request a room with plugs for laptops and a projector, as this will ensure that a newer, nicer room is reserved for the program. Once all of the logistics are set up, you will need to advertise for this event. We have done this in the past by putting up flyers and sending weekly reminders across several listservs. You can find the flyer used in the past at the end of this event log. I also sent e-mails to engineering department advisors to send across their respective listservs, Christi Boone to send across the Engineering Opportunities listserv, and Whitney Edmister to send across the Galileo and Hypatia listservs. You can find the e-mails I sent to all of these people at the end of this event log. After advertising for the event, you will need to prepare the lessons. In the past we have used the lessons from the Berkeley IEEE student branch’s website (http://www.ieee.eecs.berkeley.edu/hope/) as a guide and revamped them according to our needs. A few of the revamped lessons can be found on our IEEE student branch website (http://www.ieee.vt.edu, Projects Tab > HOPE). Handouts and labs can also be found on both sites and the components for the labs can be found in the IEEE office in the appropriately labeled boxes. Before each session, you should have the presentation ready to go, handouts and labs printed off, and all of the required equipment for the labs ready to go. Then, at the designated time, you go over the presentation and perform the experiment with those who show up, giving assistance as needed.

Important notes and suggestions:
HOPE has been a floundering project the past 3 semesters it has been put on. Low attendance should be expected and many of those in attendance will most likely just want help on their design projects that have nothing to do with the HOPE labs. Overall, the program needs to be revamped and marketed better in order to be successful. We have consistently had it on Wednesday nights, which may be a source of the attendance problems we have had. New approaches of marketing the event should be looked into. Also, revamping many of the labs should be considered. A large complaint is that the labs are too simple and boring for people to get much out of them.
What the heck is a Capacitor?
Light Emitting What!?

Want to brush up on your circuit building?
Want to learn about Electrical Engineering?

Come to Hands On Practical Electronics
on Wednesdays
RAND 211, 6:30 – 8:00pm
Hosted by the IEEE- http://www.ieee.vt.edu/
Dear Engineering Department Advisors,

The IEEE is going to host a program called Hands On Practical Electronics this Wednesday at 6:30pm in RAND 211. This program is being put on to teach the basics behind electrical theory. If you could send this information across your respective listervs, that would be much appreciated. Attached is a flyer with more information. Thank you.

- John Kollar, IEEE HOPE Co-Chair

wedmiste@vt.edu

Dear Ms. Edmister,

The IEEE is going to host a program called Hands On Practical Electronics this Wednesday at 6:30pm in RAND 211. This program is being put on to teach the basics behind electrical theory. If you could send this information across the Galileo and Hypatia listservs, that would be much appreciated. Attached is a flyer with more information. Thank you.

- John Kollar, IEEE HOPE Co-Chair, Former Galilean

chboone2@vt.edu

Ms. Boone,

It’s John Kollar w/ the IEEE again. Could you please send the following across the engineering opportunities listserv again? Thank you.

- John Kollar

Do you want to learn about electronics?
Do you want to brush up on your circuit building skills?
Then come to Hands On Practical Electronics (HOPE) Wednesday at 6:30pm in RAND 211! Can’t come tonight? The IEEE will be hosting HOPE every Wednesday, same place same time, so feel free to stop by for any lesson.
Thank you.

- John Kollar, IEEE HOPE Co-Chair