

Eta Kappa Nu, Mu Chapter Candidate Information for Spring 2008

That those in the profession of Electrical Engineering who by their attainments in college or in practice, have manifested a deep interest and marked ability in their chosen life work, may be brought into closer union so as to foster a spirit of liberal culture in the engineering colleges and to mark in an outstanding manner those who...have conferred honor on their Alma Maters...

- From the Preamble to the Eta Kappa Nu Constitution.

Congratulations!

You have been invited to join Eta Kappa Nu (HKN), the nationally recognized electrical engineering honor society. Your academic performance has proven that you are among the brightest of EECS students. Now, by applying for membership in Mu Chapter of Eta Kappa Nu, you will have the opportunity to prove that you possess not just intelligence, but responsibility, dedication, and the ability to work in harmony with others – all important traits of a successful electrical engineer and computer scientist. Along the way, you will meet intriguing individuals, learn new things, and help the community.

I hope you will enjoy this semester (I know I will!) and continue your association with HKN in the future. Below is a list of requirements and descriptions. If you have any questions at any time throughout the semester, feel free to speak to me – my job is to help you complete the pledge process and ensure you have an unforgettable experience with HKN.

-Nir Ackner, Vice President, Spring 2008



Membership Requirements for Spring 2008

This is a checklist of the requirements for becoming a member this semester. It may seem like a lot, but many of them are really simple, and you get to do most of them with other people. All of the requirements are explained in further detail below:

To become a member of Eta Kappa Nu you must:

- Be academically eligible
- Turn in the application (in this packet) with Payment I for \$40 at the candidate conversation
- Attend
 - ...a candidate conversation on February 28th or February 29th in 345 Soda Hall or 290 Cory Hall.
 - ...the potluck or the photo scavenger hunt
 - ...three or more fun activities (other than the above)
 - ...one community service activity
 - ...a Department Service activity
 - ...all three General Meetings
- Be a member of an HKN committee
- Complete 5 officer challenges
- Submit your résumé to us (details to come)
- Administer course surveys for EECS Classes (details to come)
- Provide an exam submission (details to come)
- Turn in the candidate packet by May 2nd with
 - Candidate Essay
 - Candidate Quiz
 - Feedback Form
 - Checkoff Sheet and Payment II of \$30
- Attend the initiation (and optionally, banquet) on May 10th at 5:45pm. The initiation is *mandatory* to become a member.

Academic Eligibility

You are eligible for membership into HKN if you're...

- ...in the top fourth of EECS students with Junior standing.
- ...in the top third of EECS students with Senior standing.
- ...a continuing EE graduate student.

If you received an invitation to join, or are on the eligibility lists posted in Soda and Cory, you have already met this requirement.

Candidate Application

The candidate application is at the end of this packet. Turn this in at the conversation with your check for \$40 made payable to “Eta Kappa Nu”. This money is used to pay your membership fees to the HKN National Organization. In the application, we ask you a couple of questions that help us know you better, find out the types of events you would like HKN to hold, and find out which committees you would like to participate in.

Candidate Conversation

We want to spend twenty minutes to get to know you, learn your name and your interests, and allow you to get to know us. After tonight’s meeting, please sign up for a conversation to be held in 345 Soda or 290 Cory Hall on Thursday, February 28th or Friday, February 29th.

Be sure to bring your completed application form (attached) and the candidate fee. [If you are unable to make these dates or not attending tonight’s meeting, email ackner@hkn.eecs.berkeley.edu set up a meeting time.]

Fun Activities

HKN holds fun activities for members and candidates throughout the semester. These events will be announced over email and on our website. We require you to attend at least three of these activities as a candidate (*in addition* to the potluck or the photo scavenger hunt), so that you may get to know existing members. You are always welcome, and in fact encouraged, to attend as many of these as you can, so don’t limit yourself to just three. Try to RSVP in advance on our website, to guarantee we have enough materials, rides, etc. for our events.

Community Service

We ask that all candidates give back to the community and participate in one HKN-organized community service event during the semester. In addition to helping the community, this will be another fun opportunity to work with others in your candidate class. Note that EXTRA community service events you attend may be counted towards your fun-activities requirement, but NOT vice versa.

Department Service Activity

The Department Service Activities are opportunities for us to give back to the department and the college. This semester we will be helping out with Cal Day, and holding a staff appreciation bakeoff.

General Meetings

We will have three general meetings throughout the semester. The dates and times will be posted outside 290 Cory and 345 Soda, on our web calendar, and also announced by e-mail. They are scheduled for:

- Tuesday, March 4th, at 6:30 PM, in the Wozniak Lounge.
- Thursday, April 10th, at 6:00 PM, in the Wozniak Lounge.
- Wednesday, April 23rd, at 6:00 PM, in the Wozniak Lounge.

Committees

In order to help HKN provide services and to learn about what we do, every candidate is required to join a committee. In your committee, you may help with regular duties, or you may be asked to do a special project that displays your talents. Whatever you do, your committee work is important, and part of the decision to grant membership will depend on the quality of your work. The different committees are outlined below.

Activities with *Angela, Sandy, and Wayne*. The Activities Committee organizes all the fun events such as movie nights, broomball, etc. In addition, Activities also sets up the HKN community service activities.

Bridge with *Brian, George, and Keaton*. Bridge is responsible for recording all HKN events throughout the semester, by taking lots and lots of pictures. They are also responsible for creating the yearbook (both online and hardcopy) that we send to HKN nationals so that they can see what we are doing.

Computing Services with *Brian, Jared, Ryan, and Yasin*. This committee is responsible for maintaining old software, developing new software scripts, maintaining the web pages, and other general system administration activities.

Exam Files with *Chris*. The Exam File Committee is in charge of managing our exam and solution archive.

Industrial Relations with *Judy, Ingrid, Niels, Shervin*. The Industrial Relations Committee creates and strengthens contacts with industry through mailing, phone calling, and publishing the resume book. In addition, they set up industry tours and information sessions.

Publicity with *Brian and James*. The Publicity Committee ensures that Eta Kappa Nu's activities and services get publicized by designing, printing and posting fliers around campus, thus creating a more visible profile for HKN. They also send out a list of upcoming activities to members.

[more next page...]

Student Relations with *Jerry and Matt*. The Student Relations Committee organizes social events for the EECS student body and with other societies. They also provide services like donut pizza runs on project due dates.

Tutoring with *Michael, Michelle and Suraj*. The members of the Tutoring Committee set up review sessions for EECS classes and hold tutoring office hours.

Challenges

The challenges are another way for us to get to know you, and vice versa. This is your chance to get to know our officers, members, and other candidates. It's also an opportunity to show off special skills that you have, or learn some new ones! **You can ask any officer for a challenge except your committee head or the vice president.** (You can even ask for a challenge or two tonight if you want to get cracking!) You are encouraged to ask officers for group challenges – ones that can be solved with your fellow candidates. Spend a few minutes and get to know your friendly officer. Heck, spend a few minutes and introduce yourself the person next to you! Might as well, especially if I'm boring you in this meeting.

Note, however, that you may NOT ask for challenges OR complete challenges over emails/AIM/etc – you have to do it in person! To be on track, you should have approximately one challenge finished by the end of each General Meeting.

Résumé

You are eligible to be included in the HKN résumé book this semester. This book is bought by many of our industrial contacts and will help you get a job (really). We will give you more details on submitting your résumé later in the semester.

Course Surveys

One of the most important services that HKN offers the department is administering course and professor evaluations for the EECS department. Candidates all help with this service, which happens at the end of every semester. We will go over this in more detail at the end of the semester. Note that you must complete your course survey once signed up – otherwise, you will never be eligible for HKN ever again.

Exam Submission

Each candidate will be given one exam and its corresponding solutions to collect or convert for our archive. (You are welcome to donate more exams to help expand our archive!)

Candidate Packet

Essay

The EECS department wants to hear your criticisms, comments, and compliments. This is your chance to be heard by the administration and the faculty! This two-page, anonymous, well-written essay is actually used by the department in considering changes to the EECS program. (Put your name on the reverse side of page 2 of your essay. These essays will be photocopied to preserve your anonymity before being given to the department.)

Quiz

The candidate quiz is an opportunity for you to find out about HKN's history and traditions. Doing well on this exam will reflect well on your candidacy. You are welcome to work together on the quiz, but please don't just copy answers off some other quiz. Answers to this information can be found on the national website www.hkn.org, the local chapter website hkn.eecs.berkeley.edu, and by asking current and former officers and members.

Initiation and Banquet

Initiation is **mandatory** and is scheduled for the end of the semester. You must attend the Initiation to become an official member. If you cannot attend the Initiation, feel free to complete the requirements, and then attend Initiation the following semester. Following Initiation will be the Initiation Banquet. Attendance at Banquet is not mandatory, but strongly encouraged – it's a lot of fun and has great food. (Note that your candidate fees are not refunded even if you choose not to attend Banquet). Both the Initiation and the Banquet are formal. Initiation is a private ceremony, but guests are welcome to the Banquet at a \$30 charge per extra person.

Keep Informed!

You should periodically visit either of the Eta Kappa Nu offices in 290 Cory or 345 Soda to keep updated on your pledge process (announcements will be posted on the bulletin board next to the door). Your committee head will also check up on you. We will be sending all candidate-related announcements though e-mail, so remember to write your e-mail address (legibly!) in the appropriate blank on the application. You are strongly urged to check your e-mail daily. Also, all of our events are posted on our online calendar, which you can find at our website, <http://hkn.eecs.berkeley.edu/calendar>.

A Note About Time....

HKN may seem like a lot of work, and you might wonder how you are going to fit it in to your busy EECS schedule. I'll admit, that if you are taking CS150, 152, 162, and EE142 all at once you probably don't have time to do it (and you are insane!). But, if you don't have a schedule that is completely nuts, you can be a candidate. We are all EECS majors too, and understand what you are going through. We try to be accommodating and work around midterms, projects, etc. However, remember that the more time and effort you put in to HKN, the more you get out of it. So, if you make HKN a priority this semester, you will definitely reap the rewards.

Conclusion

We will keep in touch with you over the course of the semester, so hopefully you will always know what's going on. If you have any questions, however, please feel free to send e-mail to any of the officers, or to stop by either of the Eta Kappa Nu offices; we will be happy to talk to you.

We look forward to having you as a member of Eta Kappa Nu!

Good luck,

Nir Ackner
Vice President, Spring 2008
Eta Kappa Nu, Mu Chapter
ackner@hkn.eecs.berkeley.edu

Eta Kappa Nu, Mu Chapter

Membership Application for Spring 2008

Name: _____

Preferred Email: _____

Phone: _____ AIM (optional): _____

Local Address: _____ Permanent Address: _____

Circle One: 1st year 2nd year 3rd year 4th+ year Graduate

Release my info to other candidates? Yes No Expected Graduation? _____

Transfer Student? Yes No From what college? _____

Sign me up for the following mailing lists:

___ sports@hkn ___ esports@hkn ___ snow@hkn ___ misc@hkn

Current EECS Classes: _____

Rank the *committees* below from 1 (most preferred) to 8 (least preferred):

___ Activities	___ Exam Files	___ Student Relations
___ Bridge	___ Industrial Relations	___ Tutoring
___ Computing Services	___ Publicity	

What activities would you like to see HKN have this semester?
(refer to hkn.eecs.berkeley.edu/calendar for current scheduled events)

What's something unique about you? (Make it fun. This'll help us remember you!) ☺

What are your hobbies and talents?

What's the silliest or wildest thing that you've ever done?
(If you don't have one, then what's the funniest joke you've ever heard?)

If you could be any programming language or filter, which would you be, and why?

Signature: _____ **Date:** _____

Turn this form in with your check for \$40 at your candidate conversation on February 28th or 29th.

Eta Kappa Nu, Mu Chapter

Department Feedback Essay for Spring 2008

Each spring, student groups including HKN give a 30-minute presentation on student concerns to the EECS faculty. We need your opinions, thoughts, and suggestions for improvement. This really does make a difference. For example, the 5-year master's program and the introduction of CS161 are partially the result of student feedback.

Please write us a 450-600 word (approximately 1.5 to 2 pages, double-spaced) essay telling your general opinion of the department.

In particular, please address the following:

- Comment on the availability and quality of the classes you've taken.
Are there classes that seem to duplicate material?
Concepts that aren't properly introduced?
Be as specific as possible.
- Give your opinion on the requirements for the EECS Bachelor's degree.
Are there skills you wish were taught?
Requirements that seem like they are unnecessary?
- Make some remarks on the resources you have available to you as an EECS major.
This includes advising, lab resources, and anything else you can think of.
- Address any other issues that you feel are important for your quality of life during your Berkeley career.

Positive and negative feedback alike are all welcome! Of course, positive suggestions for improvement are more helpful than negative feedback alone.

Please print out your essay and turn it in with your candidate packet.

Do you have questions or comments about this assignment?
E-mail me, Nir Ackner (ackner@hkn.eecs.berkeley.edu)

Eta Kappa Nu, Mu Chapter Candidate Quiz for Spring 2008

Feel free to discuss your answers with other candidates and officers.

Your score on this examination will factor into your application for candidacy. (Not curved!)

Good answer sources: hkn.eecs.berkeley.edu and hkn.org

0. Name _____
1. Eta Kappa Nu was founded at _____.
2. Eta Kappa Nu was founded in the year _____.
3. The Berkeley Chapter is known as the _____ chapter.
4. The Berkeley Chapter was established in the year _____.
5. The colors of the organization are _____.
6. The emblem of the organization is _____.

7. What are the six officer positions mandated by the nationals for each chapter?
 1. _____ 3. _____ 5. _____
 2. _____ 4. _____ 6. _____

8. Name four student services carried out by the Berkeley Chapter.
 1. _____ 3. _____
 2. _____ 4. _____

9. Name any current Berkeley EECS faculty who is a member of HKN. _____
At which chapter did he or she initiate? _____

10. What are the locations of the two HKN Offices?
 1. _____ 2. _____

11. Figure 1: $R_4 =$ _____ ohms.

This is the Bridge circuit. When V_1 equals zero, the Bridge circuit is said to be balanced. Suppose $R_1 = 27\text{ k}\Omega$, $R_2 = 47\text{ k}\Omega$, and $R_3 = 10\text{ k}\Omega$. What must R_4 be to balance the Bridge?

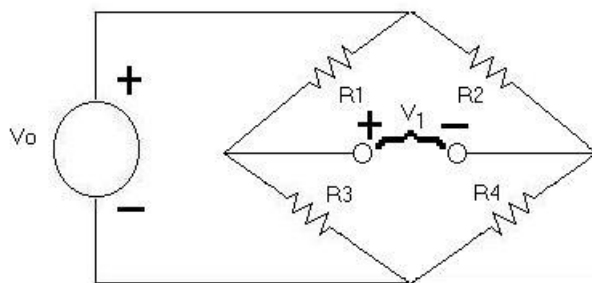


Figure 1

Eta Kappa Nu, Mu Chapter Candidate Feedback for Spring 2008

1. How many candidates did you meet? _____
2. How well did you get to know them? _____ (1 = not at all, 5 = very well)
3. How many officers did you meet? _____
4. How well did you get to know them? _____ (1 = not at all, 5 = very well)
5. How did you feel about your committee officers, and the committee work you were assigned?
(If you want to nominate your committee officers for the “Best Candidate Committee” award,
tell us why.)
6. Which HKN events did you enjoy the most? Which did you enjoy the least? (Meetings, fun
activities, service activities, etc.)
7. What parts of the candidate process would you definitely keep? What parts would you
change?
8. What was your first impression of HKN? Has your impression changed since then?
9. As a member, what will encourage you to stay active in HKN?
10. Anything else to say?

Eta Kappa Nu, Mu Chapter

Candidate Checkoff Form for Spring 2008

Name: _____

Committee: _____

CHALLENGES (5 required, with officer signatures)

***** You can't ask for OR complete challenges over e-mails, AIM, or telephone. *****

Name Of Challenge	Officer Name	Officer Signature
1.		
2.		
3.		
4.		
5.		

BIG FUN EVENT (1 required)

*****YOU MUST ATTEND ONE OF THESE TWO*****

Nir has this record. This is to double-check his information.

1. Scavenger Hunt (3/15/2008)
2. Potluck (4/26/2008)

OTHER FUN EVENTS (3 required)

Nir has this record. This is to double-check his information.

1.
2.
3.
4.
5.

COMMUNITY SERVICE EVENT (1 required with HKN)

*****Extra service events can be counted as fun activities, but NOT vice versa. *****

Nir has this record. This is to double-check his information.

1.
2.
3.

DEPARTMENT SERVICE EVENT (1 required)

Suhaas has this record. This is to double-check his information.

1.
2.

COURSE SURVEYS

Darren has this record. This is to double-check his information.

1.
2.
3.

___ RESUME

___ EXAM SUBMISSION

___ ESSAY

___ QUIZ

___ CM (2/26, 6PM)

___ GM 1 (3/4, 6:30PM)

___ GM 2 (4/10, 6PM)

___ GM 3 (4/23, 6PM)

PAYMENT OF \$30

[] Cash [] Check to "Eta Kappa Nu"

Officer Name _____

Officer Signature _____

