Actuarial Science Club Boot Camp 2020

**Introduction**

**About the Program**

Congratulations on your acceptance to the Actuarial Science Club Boot Camp! The boot camp is open to all Penn State students interested in actuarial science and is THE pipeline to the best actuarial jobs at the most competitive firms. Throughout the one semester program, you will develop the most important skills that companies are looking for in Penn State students. You will grow professionally, technically, and socially while graduating from the boot camp as one of the actuarial program’s most sought after students.

This document will outline the requirements for the program as well all relevant deadlines.

**Benefits**

* Direct email to top sponsors with a list of all boot camp graduates at the end of the program
* Special designation in the resume books
* Great item on a resume for a student of any caliber
* Complete instruction on how to obtain the most competitive actuarial jobs
* Priority access to board members for assistance
* Great preparation for executive board membership
  + Guaranteed interview for Actuarial Science Club Executive board on graduation from the program
* Graduation ceremony/gift bag (club sticker, candy, etc.)

**Requirements**

All requirements must be sent to the club’s Vice President, Aidan Lake, by the listed deadlines. All requirements are subject to change, and all boot camp members will be required to complete any additional requirements added.

1. Introductions (9/06/20)
   1. Send an email introducing yourself to the Actuarial Science Club’s President, Akash Patel and Vice President, Aidan Lake telling us:
      1. Personal background, why you chose your major, your biggest goals for your time at Penn State, and anything else that will help us get to know you better
2. Resume Book (9/4)
   1. Submit an updated resume to the resume book
      1. Your resume must be reviewed by your mentor or an exec board member prior to submis
3. Case Competition (9/11 signup, 10/3 presentation)
   1. Participate in the CAS Case Competition
      1. You may form your own teams or enter as a free agent and be assigned a team (there is $2,000 of prize money!)
4. 2 mock interviews (One by the career fair 9/14, one by 9/30)
   1. Complete a mock interview in 2 unique of the following categories
      1. Company mock interview
         * Mentor mock interview
      2. Exec board member mock interview
      3. Smeal mock interview
         * Go to <https://nittanylioncareers.psu.edu/?signin_tab=0> and sign in, then click calendar on the left and schedule an appointment, and select the appointment type to be “Mock Interview”
      4. Real Interview
5. 3 professional points
   1. 2 company information sessions (9/13) AND **HighMark and Guardian, GEICO**
   2. 1 actuarial science club professional event
      1. Cigna COVID Event (8/26)
      2. Career Development Night (9/2)
6. Attendance at the career fair (9/14)
   1. Verified through the virtual career fair software
7. Mentor (9/20 sign up deadline, 10/18 meeting deadline)
   1. Sign up for, receive, and meet with your mentor
      1. Your mentor must send Aidan an email confirming you have met (phone call or zoom meeting minimum)
      2. You may also sign up to be a mentor yourself! I am strongly recommending you have at least 1 exam passed or 1 internship to do this, and have a decent understanding of scheduling to do this, but being a mentor is also a great opportunity to learn, just like being a mentee.
8. Website Scavenger Hunt (10/15)
   1. Complete the website scavenger hunt (separate document) and send it to Aidan
9. Schedule (10/25)
   1. Complete the schedule builder on the website for your classes and have it reviewed by either your mentor or an exec board member
      1. The reviewer must send Aidan an email that it has been approved
10. 3 Written Assignments
    1. 1 single spaced page paper on the top 4 sponsors (9/30)
       1. What industry are they in, what products do they sell, how do they make money?
       2. Where are their locations? (just the largest 2-4 locations)
       3. Do they hire international students? (if applicable to you)
    2. 1 single spaced page reflection of Career Fair attendance (9/30)
       1. What recruiters did you talk to, what did you learn, what companies are you interested in, how could you do better next year? (You can also talk about or reference company info sessions)
    3. 1 page paper on CAS vs SOA and industries (10/15)
       1. Exam differences
          * What exams are in common for both paths? When do you need to choose between the CAS/SOA exam paths?
       2. The difference between Life/Health and Property/Casualty industries
          * Examples of companies in each, what is different from an actuarial perspective, what sounds more interesting to you?
11. 3 Technical Points
    1. Go to two actuarial science club technical workshops AND
       1. Excel Training (9/9/2020)
       2. Advanced Excel Training (9/30/2020)
       3. R Training (10/14/2020)
       4. SAS Training (10/28/2020)
    2. Complete one approved technical learning course (11/6) AND
       1. See additional technical document for directions
    3. Complete one technical project (11/20)
       1. See additional technical document for directions
12. Volunteer Experience (Deadline TBD)
    1. Math Motivators
       1. This requirement is pending a few loose ends, but it is essentially a program for tutoring students in low income areas in math. With everything online this year, it’s even easier for students to participate and is a great way to give back to a community.