




NATIONAL SOCIETY OF BLACK ENGINEERS

 Think Green! Please do not print unless absolutely necessary

2014-2015
NSBE TEN80 STEM Initiative Rule Book

LAST UPDATED

August 2014



National Society of Black Engineers
2014-2015 NSBE TEN80 STEM Initiative
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Due to the nature of our programming and the partnerships involved, this rulebook is subject to change at any time. Changes may include but are not limited to rules, implementation, awards criteria/categories and procurements on behalf of the participants. NSBE will remain to be diligent in providing necessary information for our programming and limit any inconveniences that may occur.



THE MISSION OF NSBE

The Mission of NSBE is to increase the number of culturally responsible Black engineers who excel academically, succeed professionally and positively impact the community.

THE PURPOSE OF NSBE TEN80 STEM Initiative

The purpose of the NSBE TEN80 STEM Initiative competition is to increase students' capabilities when preparing for advanced and college prep classes for high school. It will allow them to get a jump start on college academics and critical thinking to aid in his or her development as a future engineer.

CONTRIBUTIONS TO NSBE TEN80 STEM Initiative

Contributions to NSBE TEN80 STEM Initiative will help us continue to make this an effective NSBE program available to NSBE Jr. students nationwide. NSBE PCI will use contributions for program-wide support to give all NSBE Jr. students the opportunity to participate.

Financial Contributions

To become a NSBE TEN80 STEM Initiative partner, send your financial contributions to:

National Society of Black Engineers
ATTN: NSBE-PCI TEN80 STEM Initiative Program
205 Daingerfield Road
Alexandria, Virginia 22314
Phone: 703.549.2207

Volunteers

If you would like to become a Ten80 volunteer, please contact us at pci@nsbe.org.

ACKNOWLEDGEMENT - NSBE CONTRIBUTIONS

Heartfelt gratitude and deepest thanks to the Professional PCI committee for writing competition questions assisting teams:

Katrina M. Hill, World Headquarters Program Coordinator
Elizabeth Gomez, Convention Planning Committee Pre-College Initiative Chair
Morgan German, National Professional Pre-College Initiative Chair



INTRODUCTION TO NSBE

NSBE

The National Society of Black Engineers (NSBE) was founded in 1975 by six black engineering students at Purdue University nicknamed the Chicago 6. The original aspiration was to establish a student organization to help improve the recruitment and retention of black engineering students. NSBE is now the largest student-managed organization in the United States with more than 25,000 members.

NSBE is comprised of more than 300 chapters on college and university campuses, 75 professional chapters nationwide and 298 NSBE Jr. chapters. These chapters are geographically divided into six regions. The NSBE mission is to increase the number of culturally responsible Black engineers who excel academically, succeed professionally and positively impact the community. For more information on NSBE, please visit www.nsbe.org.

In fulfillment of the NSBE objective to “stimulate and develop student interest in the various engineering disciplines”, the various programs and competitions were created for pre-college students.

PCI

The Pre-College Initiative (PCI) Program is the focus of the NSBE effort to promote college, academics, technology, and leadership to pre-college students. Our primary focus is to encourage students in grades 6-12 to develop interest in Science, Technology, Engineering and Mathematics (STEM).

The mission of PCI is to lead the world in enhancing the pre-college students' academic, technical, and leadership skills in order to maximize their success in life. The vision is to establish PCI as an incubator for our youth, where they can be nurtured and guided in their academic careers.

NSBE Chapters support PCI through the multiple programs.

NSBE Jr.

A vital component of the PCI program is NSBE Jr., which serves as the membership category for pre-college students and institutions that are officially chartered with NSBE. NSBE Jr. members and chapters are at the core of PCI, as they are the primary focus and beneficiaries of PCI programs.

NSBE Jr. focuses on enhancing the education received by African-American and other minority pre-college students, as well as influencing these students to become tomorrow's corporate executives, entrepreneurs, and leaders. In this spirit, NSBE Jr. is the quintessential recruitment, teaching, and preparation device for the NSBE.



INTRODUCTION TO NSBE TEN80 STEM Initiative

The Ten80 STEM Initiative™ is a league in which middle and high school students* practice the art of being professionals. Young men and women, supported by a community of mentors and educators, collaborate and compete in ways that mirror business & marketing executives, engineers, technicians, green transportation designers and professional motorsports teams.

Teams earn points and gain feedback from remote STEM mentors via the Student Racing Challenge website. Point leaders earn invitations to the National Finals hosted in May of each year.

Ten80 STEM Initiative Website:
www.studentracingchallenge.com

NSBE TEN80 STEM Initiative REGISTRATION INFORMATION

Team Eligibility Requirements for Kits

Every team must:

- Be a combination of students in grades 6-8th or 9th-12th graders.
- Maximum of 15 members per team.
- Be paid NSBE Jr. Members
- Have a current advisor/coach that is a paid NSBE Professional member
- Completed registration and validation from WHQ.
- Current Transcripts are submitted to WHQ.

NSBE Ten80 teams that do not meet all the above criteria will not be eligible to participate in the NSBE Ten80 Program.

NSBE has committed to bringing members quality programming. A significant part of our commitment is the financial investment. Registering for NSBE's TEN80 program means you commit to completing the program in its entirety and will fully participate in the culminating activities at the national convention. (More details under 'Cost')



Cost

There might be some cost to participate in the Ten80 competition. NSBE will pay the registration fee for the competition and will allot kits to new teams. If your chapter accepts a kit from NSBE they must commit to participating in the TEN80 Points Race challenge and the Invitational. Failure to do so will cause teams to forfeit future participation at the cost of NSBE.

If you or another party would like to contribute to the Ten80 program, please see the Contributions to Ten80 section in this rule book.

***Please note at this time NSBE is paying the registration fee for participation. Teams will be required to sign a participation letter that requires teams to participate in the year-round program and the culminating activities at the National Convention. Any team that does not participate as outlined in the commitment letter will have to reimburse NSBE for the cost of the kit and the registration fee and the team will not be eligible to receive support from NSBE during the next programming year.**

Application

Applying to participate in the TEN0 program does not guarantee a chapter's participation. Each application will be evaluated by NSBE. Approval will be made in writing to each chapter.

Please see the Critical Dates section for important dates.

Awards, Trophies, and Scholarships

NSBE Ten80 teams who come to the national conference to participate in the Ten80 STEM Initiative have opportunities to receive awards, trophies, or scholarships. The winning NSBE Ten80 team will earn the right to represent NSBE at the Ten80 National Finals in May 2015. The stipend for the winning team to represent NSBE will vary based on the amount of donations and funding received into the program through the year.



CRITICAL 2014-2015 DATES

For quick reference, the following target dates are listed to ensure your participation in the NSBE Ten80 STEM Initiative competition. For further information on the upcoming NSBE conferences, please visit www.nsbe.org.

Team Responsibility And Events	Target Timeframe (No later than)												
TEN80 Team Registration	Final submission deadline is September 12, 2014 . After this date no further registrations will be accepted. All transcripts must be submitted to WHQ												
Ten 80 Team Training	Held throughout most of the school year: September 2014 - March 2015. This information will be obtained directly from Ten80 website. The NSBE Ten80 Points Race will begin December 1, 2014.												
NSBE Fall Regional Conferences	<table border="1"> <tr> <td data-bbox="423 814 940 884">Grand Hyatt Tampa Bay, Tampa, FL, – R3</td> <td data-bbox="940 814 1373 884">October 31 - November 2</td> </tr> <tr> <td data-bbox="423 884 940 953">Hilton Cincinnati Netherland Plaza, Cincinnati, OH, – R4</td> <td data-bbox="940 884 1373 953">November 14-16</td> </tr> <tr> <td data-bbox="423 953 940 1022">Crowne Plaza Baton Rouge, Baton Rouge, LA – R5</td> <td data-bbox="940 953 1373 1022">November 14-16</td> </tr> <tr> <td data-bbox="423 1022 940 1092">DoubleTree Pittsburgh, Pittsburgh, PA – R2</td> <td data-bbox="940 1022 1373 1092">November 15-16</td> </tr> <tr> <td data-bbox="423 1092 940 1161">Hyatt Regency San Francisco Airport, Burlingame, CA, – R6</td> <td data-bbox="940 1092 1373 1161">November 21-24</td> </tr> <tr> <td data-bbox="423 1161 940 1230">Hyatt Regency Long Island at Wind Watch Golf Club, Hauppauge, NY– R1</td> <td data-bbox="940 1161 1373 1230">November 20-24th</td> </tr> </table>	Grand Hyatt Tampa Bay, Tampa, FL, – R3	October 31 - November 2	Hilton Cincinnati Netherland Plaza, Cincinnati, OH, – R4	November 14-16	Crowne Plaza Baton Rouge, Baton Rouge, LA – R5	November 14-16	DoubleTree Pittsburgh, Pittsburgh, PA – R2	November 15-16	Hyatt Regency San Francisco Airport, Burlingame, CA, – R6	November 21-24	Hyatt Regency Long Island at Wind Watch Golf Club, Hauppauge, NY– R1	November 20-24th
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NSBE National Ten80 Competition	Held at the NSBE National Conference, Anaheim, CA March 25, 2015 – March 29, 2015												



NSBE TEN80 COMPETITION

All competition materials (to include rules) are available on the Points Race website. Each chapter will be given access once the application process is complete. As the program year progress more information and expectations will be shared.