

## 2009 Engineering Design Competition FAQ

- Q:** Does the robot have to deviate from the course line to acquire the hackysack?
- A:** The robot will not have to deviate from the course to acquire the hackysack as it will be placed at a certain point on the track itself.
- Q:** Will the course be placed over carpeting or a hard surface at the 2009 competition? It is important to note if the course is made from a printed piece of paper or some other more impressionable material the underlayment of the course will affect the performance of the robot.
- A:** The course will be placed on a smooth surface. The surface type is currently unavailable, but check the website for continuous updates to the FAQ.
- Q:** Item 7 under Documentation states "documents must be no more than 25 pages". Since the documentation is to be submitted in electronic format, what is the definition of a virtual page and can it be double sided?
- A:** A virtual page in this sense is the same as a physical page. The documentation must contain 25 single-sided pages. Any documentation that deviates from these instructions will be given a score of zero.
- Q:** Will robots found to be utilizing a rechargeable battery pack during nationals be penalized?
- A:** As long as the rechargeable battery packs come with the NXT kit, then that is fine. If a team is found using parts not associated with their original items list of their kit then that team will be penalized 5 points from their total score of the competition.
- Q:** What is the name of the company responsible for production of the hackysack that is to be used in the competition - also is there a specific product name and what is it?
- A:** All pertinent information regarding the hackysack has been provided within the toolkit. Any additional information is not available until the actual date of the competition.
- Q:** Who is responsible for producing the PowerPoint at the competition?
- A:** Each team is responsible for having an electronic copy of their document submitted to myself at [adegebenle@gmail.com](mailto:adegebenle@gmail.com) one week prior to the start of National Convention. Presentations submitted at that time must be the final copy as this is what the teams will be presenting from..
- Q:** Item 4 of Robotics Exhibition, for each description of permitted hardware to be used in a robot; both singular and plural wording exists. Could you rewrite Item 4 and post it on the PCI website?
- A:** This item has been corrected already. Please check the PCI website for an updated copy of the toolkit.
- Q:** Item 9 under Robot Exhibition "you cannot reprogram your robot..." Is it permitted to have multiple redundant programs already on the robot and run those if we so choose?
- A:** No, a single program must be used in order to make the competition more challenging for the team.
- Q:** How and when should teams submit their completed documentation?

A: All documentation should be emailed to [adegbenle@gmail.com](mailto:adegbenle@gmail.com) at least one week prior to the start of National Convention.