

Rose-Hulman's *Engenius Solutions* High School Design Competition Official rules

1. Each school will be required to fill out the online idea submission form found on the *Competition website* [www.rose-hulman.edu/~moore1/design]. Be sure to follow the link to the *submission form*.
2. Each school may submit one or two applications with no more than 6 students on any team. Individual students may be on more than one team.
3. Submissions will be judged by a team of practicing professionals in the engineering, legal, and business fields.
4. All ideas submitted will be judged using the following criteria:
 - a. **Creativity (20 points):** The score for creativity will reflect originality of the idea/project. Original ideas will receive 20 points, while variations on an already existing idea/product will receive a lower score.
 - b. **Technical Feasibility (20 points):** The score for technical feasibility will reflect the ease in which the submission can be turned into a working product. Ideas which incorporate existing or known technologies, such as computers, can receive a score of up to 20 points.
 - c. **Marketability (20 points):** The score for marketability will reflect the ability of the product to sell within its product category. An idea which has a large market and novel use for a customer can receive a score of 20 points.
 - d. **Social impact (20 points):** The score for social impact will reflect the degree to which the idea can assist people, improve their life and/or have a positive impact on the environment. To receive a score of 20, the idea must to provide social, economic, and environmental benefits.
 - e. **Development Feasibility (20 points):** The score for development feasibility will reflect the ability of the team to find or suggest ways to develop a prototype economically. Ideas developed with minimal development costs can receive a score up to 20 points. Ideas which require expensive manufacturing capabilities, newer technologies or a large amount of research to develop will receive a lower score.
5. All finalist's submissions will be presented to Rose-Hulman Ventures, Engenius Solutions, and various engineering departments for possible selection as a project for further development.
6. All submissions will be treated as confidential and will not be used for new projects without written approval from the submitting school and team members. Submissions will not be returned.