



Richmond Joint Engineers Council (RJEC)

2011 RJEC NATIONAL ENGINEERS WEEK ESSAY Contests

In celebration of National Engineers Week (www.eweek.org), the Richmond Joint Engineers Council (www.rjec.org) is conducting its 2011 VISUAL Essay & Written Essay Contest for middle and high school students in the Richmond/Petersburg Tri-Cities area and the surrounding counties (Richmond, Petersburg, Hopewell, Colonial Heights Goochland Henrico, Chesterfield, Hanover, Powhatan, Amelia, Dinwiddie, Prince George, Charles City, and New Kent). The contests are intended to stimulate student interest and learning of engineers, their careers and the engineering profession.

Judging: Entries will be judged by the RJEC Board for:

(1) Originality & Creativity (2) Accuracy (3) Relevance

Prizes: 3 Prize winners for each CONTEST 1 and CONTEST 2:

1st * = \$200 2nd = \$125 3rd = \$75

** Note: 1st Place only winning submissions will be presented at the banquet.*

All contest prize winners, with one parent as a guest (or teacher if parent unavailable), will be invited to the annual RJEC banquet to be held at The Jefferson Hotel in Richmond during Engineer's Week on Wednesday, February 23, 2011. This will be an excellent opportunity for students to interact with a broad spectrum of the Richmond engineering community.

The six **prize winners will be notified by February 11th** but will not know which place prize won until it is announced at the banquet. For written essay prize winners, arrangements will be made with the teacher to videotape the student reading their essay at their school.

STEP 1: Contest Eligibility (each school chooses ONE category):

- (a) Math class students
- (b) Science class students

STEP 2: Contest Topic (student chooses ONE):

- (a) "What does a <type of Engineer> Engineer do and how do they perform their job"
- (b) "What does a <type of Engineer> Engineer do"
- (c) "How does a <type of Engineer> Engineer perform their job"

Notes: Submit your interpretation or best representation of an engineer or an engineering career.
For example: *What does a Chemical Engineer do and/or how do they perform their job?*

STEP 3: Contest Media (student chooses one):

- (a) CONTEST 1: 3 to 4 minute VISUAL Essay: Video or PowerPoint slide-show
Acceptable formats: MPEG-4, MPEG, .WMV, 3GP, and .ppt, & .pps
- (b) CONTEST 2: 500-word WRITTEN Essay: Microsoft Word Document (*.doc)

STEP 4: Contest Submissions: (each teacher in class category selects top 3)

Teacher emails submissions by Deadline, January 21st, 2011, to following email according to format: written_essay@rjec.org or visual_essay@rjec.org

Note: Video entries may be posted via youtube.com. If submission on youtube.com, then the title **MUST** include "RJEC11" within the title and the **link sent to:** visual_essay@rjec.org

(Contest Rules on next page)



Richmond Joint Engineers Council (RJEC)

2011 RJEC NATIONAL ENGINEERS WEEK ESSAY Contests

Contest Rules:

1. Students must **attend any middle or high school in the Richmond-Petersburg/Tri-cities area and surrounding counties** (Richmond, Petersburg, Hopewell, Colonial Heights Goochland Henrico, Chesterfield, Hanover, Powhatan, Amelia, Dinwiddie, Prince George, Charles City, and New Kent). One entry allowed per student.
2. **School administration** must **select one category of classes per school, either math classes or science classes** for eligible contest participation and notify all teachers in that category.
3. All work encompassed by a visual or written essay submission must be the product of the student. No professional assistance should be used in the filming, editing, or research of the submission.
4. The sources of information, facts and figures used in the visual or written essay must be documented in a **bibliography** and submitted with the essay (bibliography is not considered part of the 500-word count of the essay). Any and all references should be clearly identified and follow MLA format (Modern Language Association).
5. **The body of a written essay text is limited to 500 words** (this does NOT include the title page or the bibliography). The written essay should be **double-spaced**, on **single sided numbered pages** and with a **1" margins**. The essay should be printed with a **12 point Arial or New Times Roman font**.
6. **Visual essay** entries must **not exceed 4 minutes** in length.
7. All entries must be **submitted by a teacher** by the **RJEC deadline** Friday, **Jan. 21st, 2011**.
8. All submissions must include a **title page** with the following information:
 - **Title**
 - **Student's name & grade**
 - **School name, address and phone number**
 - **Teacher's name and contact information (email is preferred)**
 - **Class name**

Notes: The title should appear on the presentation **AND** the title page.

The student's name & school should **NOT** appear on the presentation (on title page only).

9. All submissions will be considered an open source.