



# Memphis-Area Joint Engineers Council

WWW.MJECM.ORG

## Annual Engineers Week Student Contest

Date: February 11, 2012

As part of its Engineers Week Activities in February, the Memphis-Area Joint Engineers Council sponsors a contest for Middle School (Grades 6, 7, 8 & 9) and High School (Grades 9, 10, 11, & 12) students. It is an opportunity for students to express their creativity and demonstrate their ingenuity by working on concept projects designed to improve our quality of life. In addition, it is an opportunity to enhance public speaking skills as students will make presentations to judges about their projects. This contest is funded in part by a U.S. Department of Education Grant under Title I of the Carl D. Perkins Act of 2006.

### CONTEST OBJECTIVES:

Present a product that could be used to benefit society. This could involve:

**Inventing something**

**Modifying something to make it more useful or better**

**Finding another use for something that normally would be discarded.**

### CONTEST REQUIREMENTS:

A school may submit as many teams (projects) as it wants where a team may consist of 1 to 4 students. Each team will make a two-minute presentation to the judges (local professionals from all branches of engineering). Projects may be demonstrated by use of models, actual devices, drawings, sketches, a poster or any combination of the above. Each team will be provided with a table approximately 3ft. by 3ft. to set up its display. Electricity will be available. Judging Criteria include:

**Benefit to Society**

**Creativity**

**Feasibility**

**Presentation**

### CONTEST LOCATION AND TIME:

**Date:** February 11, 2012

**Time:** Setup begins 9:00 a.m.; Judging begins 10:00 a.m.; Award Ceremony 11:30 a.m.

**Location:** Farris ABC, Southwest Tennessee Community College, Macon Cove Campus,  
5983 Macon Cove (I-40 at Sycamore View)

**Refreshments:** Pizza and Drinks will be provided

### PRIZES!!!

The Middle School and High School divisions are evaluated separately.

**First Place Middle School –**

**School certificate & \$150 for school fund**

**Second Place Middle School –**

**School certificate & \$100 for school fund**

**Third Place Middle School –**

**School certificate & \$50 for school fund**

**First Place High School –**

**School certificate & \$150 for school fund**

**Second Place High School –**

**School certificate & \$100 for school fund**

**Third Place High School –**

**School certificate & \$50 for school fund**

First Place Winners will be recognized during the Engineers Week Banquet on February 23, 2012 as guests of the MJEC. They will be invited to display their projects at the reception prior to the banquet.

### QUESTIONS??

Please contact John Ventura, Contest Chairman

Phone: 901-321-3429, Fax: 901-321-3402, email: [jventura@cbu.edu](mailto:jventura@cbu.edu)



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REGISTRATION FORM

*Please return by Friday, February 3, 2012.*

Please check if you grant the Memphis-Area Joint Engineers Council permission to use photographs of the contestants listed below in any and all of its publications, including website entries, without payment or any other consideration.

Teacher's Name \_\_\_\_\_

School Name \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_ email: \_\_\_\_\_

Special Needs (Other than table space) \_\_\_\_\_

Do you need electricity? \_\_\_\_\_

Contestant Name(s) \_\_\_\_\_  
\_\_\_\_\_

Schools with more than one team entry may attach additional sheets with list of teams numbered and members named.

**Mail, Fax, or E-mail by Friday, February 3, 2012**

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650 East Parkway South  
Memphis, TN 38104  
Telephone: 901-321-3429; Fax 901-321-3402; Email – [jventura@cbu.edu](mailto:jventura@cbu.edu)