

Webtronics Competition for High School and Community College Students Guidelines and Rules

Department of Computer Science and Engineering
The University of Texas at Arlington
November 18, 2006

1 What Is Webtronics Competition

The Webtronics Competition is aimed to provide UTA-Scholarships to attract high school and community college students to pursue a Bachelor of Science in Software Engineering Degree at The University of Texas at Arlington.

2 Overall Requirements

Student teams are required to design and implement a school bulletin website. The website must contain at least a "Home" page, an "About Us" page describing the organization's history and mission, a "Current Events" page, a "Contact Us" page with addresses, map links, and other information. The website may contain additional pages but must include at least these. Members of the first three teams in each category will receive a trophy along with UTA Software Engineering Scholarships.

3 Competition Rules

1. Any student may enter the competition.
2. A team must consist of 2-4 members who are full time high school or community college students during the time of the competition. The team members must work together to create the website.
3. Competition participation is free of charge.
4. Each team must submit a letter of intent listing the faculty supervisor, team members and contact information by September 15, 2006 through online registration, email, fax, or postal mail to:
Dr. David Kung
Department of Computer Science and Engineering
The University of Texas at Arlington
P.O.Box 19015, Arlington, TX 76019-0015
Tel: 817-272-3785
Fax: 817-272-3784
Email: kung@cse.uta.edu
5. There is no restriction on the use of tools, programming language, JSP or ASP, the web server, and database management systems.
6. All the members are required to be present at the competition event except medical reasons.
7. The competition event will take place at Nedderman Hall of UTA on November 18, 2006.
8. Each team will be given at most 20 minutes to present and demonstrate its website to the judges. The time will be divided approximately as follows:

Set up: at most 5 minutes
Presentation: at most 5 minutes
Demonstration: at most 5 minutes
Questions and answers by judges: at most 5 minutes

4 Judgment Criteria

The teams will be judged according to the following criteria (total 65 points):

Page Layout (15 points)

- Professional layout
- Appropriate for the website theme
- Consistent throughout the website

Navigation (10 points)

- Effective (user's requests are always fulfilled)
- Efficient (requires least number of clicks)
- User friendly

Visual Design (10 points)

- Innovative
- Appropriate for the website theme
- Effective use of technology

Grammar, Spelling, Punctuation, and Usage (10 points)

Presentation and Demonstration (20 points)

- Clearly present the purpose, design and functionality of the website
- Effective use of time

Questions and Answers Relating to (10 points)

- Roles in the team
- Design and technical aspects