

Network Design

The ability to evaluate the needs of an organization and then design and implement network solutions is a valuable skill in today's connected workplace. This event provides recognition for FBLA members who demonstrate an understanding of and ability to apply these skills.

Competencies

This event is composed of two (2) parts: a written objective test and a role play problem that is presented and defended before a panel of judges.

Objective Test

The written objective test may include questions on network administration, network configuration, needs analysis techniques, hardware, and computer software.

Case Study

Participants will be given a role play outlining a small business and its computing environment and needs. Participants will then be required to analyze the situation and recommend a network solution to address the issues raised in the case study.

Business Education Curriculum Standards:

Communication, Information Technology, Management

Eligibility

Each chapter may enter teams composed of two (2) to three (3) members who are members of an active local chapter and are on record in the FBLA-PBL Online Membership System as having paid dues by the officially published deadline for the current school year. One (1) team member may have entered this event at a previous National Leadership Conference. Participants must be from the same FBLA chapter.

Procedure

Note: Please refer to the General Guideline on page V-7 – V-8 at the beginning of this section for additional information.

Objective Test

A one-hour online test will be administered based on the listed competencies. Team members will take one objective test collaboratively.

The ten (10) teams with the highest score will be scheduled for a role play. The order of the performance will be drawn at random by an impartial person in the event office.

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Case Study Performance

Twenty (20) minutes before their performance, each team will receive the role play.

Two (2) index cards will be provided for each participant and may be used during the preparation and performance. Information may be written on both sides of the note cards. In addition, teams will be provided with flip chart presentation sheets on which to present their proposed solution.

No reference materials, visual aids, or electronic devices may be brought to or used during the preparation or performance. A flip chart will be provided.

The team has seven (7) minutes to interact with the judges.

One member should introduce the team and describe or summarize the case study. All team members must participate in the role play. Team members will be allowed to use their note cards and flip charts in explaining their recommendations and rationale to the judges.

A timekeeper will stand at six (6) minutes and again at seven (7) minutes. Participants should be prepared to defend their recommendations and interact with the judges.

Role Play presentations are open to conference attendees, except performing participants on this event.



Network Design Presentation Rating Sheet

Evaluation Item	Not Demonstrated	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Points Earned
Delivery of Presentation					
Voice quality and diction	0	1 – 3	4 – 7	8 – 10	
Eye contact	0	1 – 3	4 – 7	8 – 10	
Appearance	0	1 – 3	4 – 7	8 – 10	
Self-confidence and assertiveness	0	1 – 3	4 – 7	8 – 10	
Content and Recommendations					
Described the situation	0	1 – 3	4 – 7	8 – 10	
Issued a solution or recommendation	0	1 – 3	4 – 7	8 – 10	
Used correct terminology	0	1 – 5	6 – 10	11 – 15	
Effectiveness of the strategy presented	0	1 – 8	9 – 17	18 – 25	
Technology					
System appropriate for size of business	0	1 – 5	6 – 10	11 – 15	
Technology is currently available	0	1 – 3	4 – 7	8 – 10	
Future needs are considered	0	1 – 3	4 – 7	8 – 10	
Meets the needs of the company	0	1 – 5	6 – 10	11 – 15	
Total Points					/150 max.
Dress Code Penalty	Deduct five (5) points when dress code is not followed.				
Final Score					/150 max.
Written Test Score	To be used only in the event of a tie.				

Names: _____

School: _____

Judge's Name: _____

Judge's Signature: _____ Date: _____

Judge's Comments: