

# MANAGEMENT INFORMATION SYSTEMS

The ability to design and implement an information system solution to effectively manage vast amounts of information is a valuable skill that leads to the success of many business entities today. The use of technology to develop these information systems plays a crucial role in a business' ability to compete in today's business environment. This event provides recognition for FBLA members who demonstrate an understanding of and ability to apply these skills.

## **OBJECTIVE TEST COMPETENCIES (may include, but not limited to)**

- systems analysis and design—systems development life cycle
- database management and modeling concepts
- object-oriented analysis and design
- user interfaces
- system controls
- defining system and business requirements

## **PERFORMANCE COMPETENCIES**

- demonstrate critical thinking and problem solving
- describe case study and explain recommendations
- demonstrate good communication skills
- explain strengths and weakness of proposed solution
- effectively answer questions

## **NBEA STANDARDS REINFORCED BY EVENT**

Communication: technological, organizational

Information Technology: computer architecture, operating systems, environments, and utilities, systems analysis and design, communications and networking infrastructures, network applications

Management: technology and information management

**CAREER CLUSTERS:** Business Management and Administration, Information Technology

## **ELIGIBILITY**

The top five (5) teams composed of two (2) to three (3) members from the winter regional conferences may enter this event. If a chapter has no winner in the top five, it may enter one participant. No more than one (1) team member may have won first place in this event at a previous State Business Leadership Conference nor entered this event at a previous National Leadership Conference.

1. All team members must be on record in the state and national offices as having paid dues by February 15.
2. Participants must be selected in accordance with the regulations of the local chapter and state association.
3. Participants failing to report on time for the event will not be permitted to compete.
4. Participants must adhere to the dress code established by the Board of Directors, or they WILL NOT be permitted to participate in the competitive event.

## **OVERVIEW**

This event consists of two (2) parts: an objective test and a performance component. A one (1) hour objective test will be administered based on the competencies listed. Team members will take one objective test collaboratively. Nongraphing calculators will be provided.

Every effort will be made to provide online computerized testing at the state level. If this is not possible, participants must furnish their own No. 2 pencils and erasers. No graphing calculators, Palm Pilots, or other memory storage devices are allowed.

An interactive case study will be given concerning a decision-making problem outlining a small business and its informational environment and needs. Participants will then analyze the situation and recommend an information system solution to address the issues raised.

## **PERFORMANCE GUIDELINES**

1. The top fifteen (15) teams with the highest score on the objective test will advance to the oral presentation. In the case of a tie, the objective test score will be used to break a tie.
2. The order of performance for the oral performance will be drawn at random by an impartial person in the event office.
3. Team members will report to the preparation room twenty (20) minutes before their performance time. Each team will receive the case study. Team members will be given twenty (20) minutes to prepare their case to present. Teams will report to the performance room at the end of twenty (20) minutes.
4. A flip chart and markers will be provided.
5. Two (2) 4" x 6" note cards will be provided for each team member and may be used during the preparation and performance of the event. Information may be written on both sides of the note cards. Note cards will be collected following the presentation.

6. No reference materials, visual aids, or electronic devices may be brought to or used during the preparation or performance.
7. Teams have seven (7) minutes to interact with a panel of judges and present the solution to the case. The judges will play the role of the second party in the presentation and refer to the case for specifics. All team members must participate. This is a role-play event.
8. A timekeeper will stand at six (6) minutes and again at seven (7) minutes.
9. Performances are open to conference attendees who are not performing participants of this event.

**JUDGING**

The tests will be machine graded. Ties will be broken based on the last ten (10) questions and in groups of ten thereafter if a tie still exists.

**STATE AWARDS**

The number of awards presented at the State Business Leadership Conference is determined by judges and/or number of entries. The maximum number will be five (5).

**NATIONAL ENTRIES**

Washington State may enter two (2) winning teams for national competition.



# MANAGEMENT INFORMATION SYSTEMS

## Performance Rating Sheet

Evaluation Item	Not Demonstrated	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	Points Earned
<b>Content</b>					
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	1-3	4-7	8-10	
Effectiveness of the strategy presented	0	1-7	8-14	15-20	
<b>Explanation</b>					
System appropriate for size of business	0	1-3	4-7	8-10	
System solution is feasible and realistic given specified time frame	0	1-3	4-7	8-10	
Technology is currently available	0	1-3	4-7	8-10	
Future needs are considered	0	1-3	4-7	8-10	
Information security issues are addressed	0	1-3	4-7	8-10	
Meets the needs of the company	0	1-3	4-7	8-10	
<b>Delivery</b>					
Team members are forceful and show self-confidence, poise, and good voice projection	0	1-3	4-7	8-10	
Thoughts and statements are well-organized and clearly stated; appropriate business language used	0	1-3	4-7	8-10	
Demonstrated the ability to effectively answer questions	0	1-3	4-7	8-10	
All team members participate actively during the presentation	0	1-3	4-7	8-10	
<b>Subtotal</b>					<b>/150 max.</b>
<b>Dress Code Penalty</b> Deduct five (5) points when dress code is not followed.					
<b>Penalty</b> Deduct five (5) points for failure to follow the guidelines.					
<b>Final Score</b>					<b>/150 max.</b>
<b>Objective Test Score</b> (To be used only in the event of a tie.)					

Student Name(s):						
School:						
Judge's Signature:				Date:		

Judge's Comments:

VERIFICATION  
(scores checked)  
 Administrator