

# DATABASE DESIGN & APPLICATIONS

Databases are necessary to organize data and information in business. This event recognizes FBLA members who demonstrate that they have acquired entry level skills for understanding database usage and development in business.

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

- data definitions
- query development
- table relationships (including those that enforce referential integrity)
- form development
- report generation

## **PRODUCTION COMPETENCIES**

- data entry techniques
- basic organizational structure of a database
- develop multiple queries
- set up relational databases
- edit relationships
- develop reports including sorting and grouping, inserting graphics, creating headers and footers, and calculating data

## **NBEA STANDARDS REINFORCED BY EVENT**

Computation: problem-solving applications

Information Technology: information technology and major business functions, application software, input technologies  
information retrieval, database management systems

**CAREER CLUSTER(S):** *Business, Management and Administration; Information Technology*

## **ELIGIBILITY**

The top five winners at the winter regional conferences may enter this event. All participants must be members of the active local chapter on record in the FBLA state and national offices as paying dues by February 15.

1. Participants 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 production test. Participants are required to complete both parts. A one (1) hour objective test will be administered based on the competencies listed. The score received on this portion of the event will constitute 15 percent of the final event score. Nongraphing calculators will be provided.

Every effort will be made to provide computerized testing. 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.

## **GUIDELINES**

The production portion of this event is administered prior to the SBLC. See School Site Testing below.

Documents produced for this event must be prepared by the participant without help from the adviser or any other person.

No reference materials are allowed.

Calculators are not allowed on the production portion of the test.

### School Site Testing

School testing administration may be accomplished as follows:

The state office will send the test to a local test proctor at the student's location identified by the chapter adviser on the State Business Leadership Conference event entry form. The local test proctor will administer the test. Local FBLA advisers or assistants must not be proctors. Tests not returned to the state office by the designated due date will not be graded.

One (1) hour will be allowed for this test at the school testing site. Additional time will be allowed for general directions, equipment set-up, and warm-up. Calculators are not allowed on the production portion of the test. Problems are weighted according to difficulty and may be completed in any order. The test must be deleted from the hard drive or diskette upon final completion of the test.

**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) state winners for national competition.