## PREJUDGED PROJECTS AND PRESENTATION EVENTS

### Overview
These events consist of two (2) parts: a prejudged project and a presentation. Competitors are required to complete both parts for award eligibility.

### Eligibility
Each state may submit four (4) entries for these events. Competitors must have paid FBLA national and state dues by 11:59 p.m. Eastern Time on March 1 of the current school year.

### NLC Registration
Participants must be registered for the NLC and pay the national conference registration fee in order to participate in competitive events.

### Finals
Fifteen (15) finalists, or an equal number from each group in the preliminary round, will advance to the final round.

| Event | Event Type | Equipment Setup Time | Prep Time | Performance Time | Time Warning | Time Up | Penalty Over Time (5 pts) | Q&A (3 min.) |
|---|---|---|---|---|---|---|---|---|
| **3-D Animation** | I or T | 5 min. | NA | 7 min. | 6 min. | 7 min. | Yes | Yes |
| **Coding & Programming** | I | 5 min. | NA | 7 min. | 6 min. | 7 min. | Yes | Yes |
| **Computer Game & Simulation Programming** | I or T | 5 min. | NA | 7 min. | 6 min. | 7 min. | Yes | Yes |
| **Digital Video Production** | I or T | 5 min. | NA | 7 min. | 6 min. | 7 min. | Yes | Yes |
| **E-business** | I or T | 5 min. | NA | 7 min. | 6 min. | 7 min. | Yes | Yes |
| **Mobile Application Development** | I or T | 5 min. | NA | 7 min. | 6 min. | 7 min. | Yes | Yes |
| **Website Design** | I or T | 5 min. | NA | 7 min. | 6 min. | 7 min. | Yes | Yes |

| Event Name | Submission by 2nd Friday in May (prejudged) | Specific Guidelines |
|---|---|---|
| **3-D Animation** *Rating Sheets: page 80* | Video must be uploaded as a URL<br><br>Statement of Assurance | • The presentation is designed to be an explanation of equipment used, software used, the development process, an overview of how copyright laws were addressed, and challenges experienced during the process.<br>• Animated video should be no longer than three (3) minutes.<br>• The video should be shown to the judges.<br><br>**2017 NLC Topic**<br>*Many companies are required to protect the environment and "go green." Use 3-D animation in a promotional/marketing video to show the importance of going green as an important business sustainability step.* |
| **Coding & Programming** *Rating Sheets: page 92* | Program must be uploaded as URL<br><br>Statement of Assurance | • The program must run on Windows XP or higher.<br>• Solution must run standalone with no programming errors.<br>• Data must be free of viruses/malware. Any entry with contaminated data will not be judged.<br>• The program should be shown to the judges.<br><br>**2017 NLC Topic**<br>*Develop a database program to manage the general operations of a Family Entertainment Center (FEC). Give the FEC a name. The program must allow the user to complete at minimum the following tasks:*<br>  • *Enter/view/edit a list of employees*<br>  • *Create/edit a weekly work schedule for employees*<br>  • *Generate/print weekly schedule reports*<br>  • *Enter attendance of customers*<br>  • *Enter/track, generate, and print report(s) showing customer attendance by time of day (AM/PM) and day of week.* |

# FBLA CODING & PROGRAMMING
### Production Rating Sheet

| Evaluation Item | Not Demonstrated | Does Not Meet Expectations | Meets Expectations | Exceeds Expectations | Points Earned |
|---|---|---|---|---|---|
| **Program Readability and Style** | | | | | |
| Appropriate identifiers used for variables, constants, arrays, objects, etc. | 0 | 1–3 | 4–7 | 8–10 | |
| Commentary provided line-by-line and/or section is readable, useful, and complete | 0 | 1–7 | 8–14 | 15–20 | |
| General program documentation is readable, useful, and complete (i.e., execution instructions, system requirements, etc.) | 0 | 1–7 | 8–14 | 15–20 | |
| **Comments:** | | | | | |
| **Program Structure and Content** | | | | | |
| Program is concise, does not contain unnecessary complexity or repetitive blocks of code (uses functions and subroutines as necessary) | 0 | 1–7 | 8–14 | 15–20 | |
| Appropriate data types are used for data storage to avoid drain on system resources | 0 | 1–7 | 8–14 | 15–20 | |
| Program follows a logical sequence to accomplish required tasks (unusual approaches are well documented) | 0 | 1–3 | 4–7 | 8–10 | |
| **Comments:** | | | | | |
| **Results** | | | | | |
| Program produces desired results (free of logic errors) | 0 | 1–7 | 8–14 | 15–20 | |
| Program handles user and/or data input errors well (coded to avoid run-time errors) | 0 | 1–7 | 8–14 | 15–20 | |
| Resulting output/feedback (onscreen and/or printed reports, alert/error messages, etc.) were useful | 0 | 1–10 | 11–20 | 21–30 | |
| **Comments:** | | | | | |
| **Usability** | | | | | |
| Program provides instructions or a help menu for user assistance | 0 | 1–3 | 4–7 | 8–10 | |
| User is able to navigate the program intuitively using a logical sequence (appropriate tab order for user input, asks for input in a logical sequence, etc.) | 0 | 1–3 | 4–7 | 8–10 | |
| Program interface, feedback, reports, etc. are free of spelling, punctuation, and grammatical errors | 0 | 1–2 | 3–4 | 5 | |
| Program aesthetics maintain user interest | 0 | 1–2 | 3–4 | 5 | |
| **Subtotal** | | | | | **/200 max.** |

**Penalty Points** Deduct five (5) points for not adhering to guidelines.

☐ Statement of Assurance not received

**Total Points** /200 max.

Name: _____

School: _____  State: _____

Judge's Signature: _____  Date: _____

Judge's Comments:

# FBLA CODING & PROGRAMMING
**Performance Rating Sheet**

❑ **Preliminary Round**     ❑ **Final Round**

| Evaluation Item | Not Demonstrated | Does Not Meet Expectations | Meets Expectations | Exceeds Expectations | Points Earned |
|---|---|---|---|---|---|
| **Content** | | | | | |
| Description of the problem | 0 | 1–2 | 3–4 | 5 | |
| Description of the planning process used to design the program | 0 | 1–3 | 4–7 | 8–10 | |
| Description of program documentation | 0 | 1–3 | 4–7 | 8–10 | |
| Description of input/output and program parameters | 0 | 1–5 | 6–10 | 11–15 | |
| Description of how the program flows | 0 | 1–7 | 8–14 | 15–20 | |
| Description of program structures | 0 | 1–5 | 6–10 | 11–15 | |
| Description of the usefulness of the program | 0 | 1–2 | 3–4 | 5 | |
| **Comments:** | | | | | |
| **Delivery** | | | | | |
| Statements are well-organized and clearly stated; appropriate business language used | 0 | 1–2 | 3–4 | 5 | |
| Demonstrates self-confidence, poise, and good voice projection | 0 | 1–2 | 3–4 | 5 | |
| Demonstrates the ability to effectively answer questions | 0 | 1–3 | 4–7 | 8–10 | |
| **Comments:** | | | | | |

| | |
|---|---|
| **Subtotal** | **/100 max.** |
| **Time Penalty** Deduct five (5) points for presentation over seven (7) minutes. Time: | |
| **Dress Code Penalty** Deduct five (5) points when dress code is not followed. | |
| **Penalty** Deduct five (5) points for failure to follow guidelines. | |
| **Total Points** | **/100 max.** |
| **Prejudged Score** | **/200 max.** |
| **Final Score** (add total score and prejudged score) | **/300 max.** |

Name:

School:                                              State:

Judge's Signature:                                   Date:

Judge's Comments: