

# SHOW & TECH 2019

## South Arkansas Community College Computer Technology Competition 1<sup>st</sup> Annual Technology Challenge

### Competition Information

South Arkansas Community College is hosting its first annual Show and Tech Competition, Saturday, March 9<sup>th</sup> on the SouthArk campus.

The competition is open to all Union County students currently in 5<sup>th</sup> - 12<sup>th</sup> grades.

This year's competition will be a programming challenge to create an application program (App).

Participants may use the language and platform of their choice.

Students may register as individuals or teams of up to three (3) participants.

Students may submit more than one application program but each program must be completely different in design and purpose.

Parents, teachers, coaches or counselors may serve as a team advisor but must be listed on the application.

Awards will be given to the top three programs in the following categories:

#### Individuals

Middle school - 5<sup>th</sup> - 6<sup>th</sup> grade

Junior High - 7<sup>th</sup> - 8<sup>th</sup> grade

High School - 9<sup>th</sup> - 12<sup>th</sup> grade

#### Teams

Middle school - 5<sup>th</sup> - 6<sup>th</sup> grade

Junior High - 7<sup>th</sup> - 8<sup>th</sup> grade

High School - 9<sup>th</sup> - 12<sup>th</sup> grade

Competitors must be able to present a demonstration of their application program and answer questions during the demonstration period on March 9, 2019 and must be accompanied by an adult sponsor or parent.

Programs will be judged by a panel on the following criteria:

- Creativity (innovative purpose or design, 30%)
- Problem Solving (demonstrated understanding of purpose, 30%)
- Functionality (ease and effectiveness of use 20%)
- Persuasiveness and effective communication (presentation 10%)
- Ability to answer follow up questions (10%)

Programs must not violate any intellectual property rights or privacy rights and must be original and solely owned by the competitor such that no other party has any rights or interest whether known or unknown.



## **Demonstration Guidelines:**

The presentation is expected to include these minimum requirements:

- The name(s) of each participant
- The title of the app
- The tools and coding language used
- Clearly explain the purpose of the app
- Explain the app's target audience (who would use the app)
- Demonstrate the functionality of the app
- Answer any questions related to it.

## **Registration:**

Registration for submission must be received by February 28<sup>th</sup>. Actual program submission will be the day of competition. Sponsored by the FIT Grant, there is no fee for the competition this year.

Participants will receive a t-shirt, SouthArk swag bag, snacks and lunch. Additional t-shirts and lunches for parents and other attendees will be available for purchase with registration.

## **Day of Competition:**

Competitors should plan to arrive at SouthArk Library Auditorium by 8:30 a.m. on March 9<sup>th</sup> to sign in and receive instructions. The competition will begin promptly at 9:00 a.m. Awards will be presented at 11:30 a.m.

## **Competition:**

For the participants to present their app design to the panel of judges SouthArk will have available for use; A/V support, a microphone, a Windows based PC and a projector.

Judges will view the demonstration live to learn about the app and the concept. Judges have the right to request access to the App and source code in person to verify that the App functions. They will then evaluate the app based on the stated criteria.

Contestants will own the intellectual property rights to their submission but will grant the Judges and the organizer a royalty free license, without limitation, to utilize the submissions for noncommercial purposes after the conclusion of the competition.

## **Limitations of Liability:**

The organizers are not responsible for:

1. Any incorrect or inaccurate information, whether caused by entrants, printing errors or by any of the equipment or programming associated with or utilized in the Competition.
2. Technical failures of any kind, including, but not limited to malfunctions, interruptions, or disconnections in phone lines or network hardware or software.
3. Unauthorized human intervention in any part of the entry process or the Competition.
4. Technical or human error which may occur in the administration of the Competition or the processing of entries.
5. Any injury or damage to persons or property which may be caused, directly or indirectly, in whole or in part, from entrant's participation in the Competition or receipt or use or misuse of any prize.

