

# Alabama Society of Radiologic Technologists

## *Student Bowl Guidelines*



### **I. Goals and Objectives**

The Alabama Society of Radiologic Technologists encourages student academic competition on a statewide level. Participation in the Student Bowl should help in establishing camaraderie among students from radiologic technology programs around the state and an atmosphere of friendly competition.

### **II. Program Officials**

#### **A. Moderator**

A moderator shall be selected by and approved by the ALSRT Education Delegate. The moderator should not be a resident of the state of Alabama and he/she should be associated with an educational program in radiologic technology. In case of emergency for moderator, someone not on the board of the ALSRT and not affiliated with any school participating in the student bowl may be appointed and approved by the board only.

The program moderator will have the following duties and responsibilities:

1. Discuss the rules for the student bowl session including competition, with the competing teams prior to the beginning of competition.
2. Shall serve as the operator of the computer during competition. It shall be the duty of the moderator to present all questions using a power point.
3. When called upon, assist the judges in situations where questions are raised by the competing teams regarding appropriateness of a given response.
4. May call official breaks and time out

#### **B. Judges**

Judges will be appointed by the committee and will function in verifying all challenged questions using text references. The decision of the judges is final. If the question cannot be verified, the question will be thrown out and a new question asked. In order to qualify as a judge, the individual must be actively involved in radiologic technology education. Whenever possible, an individual selected to judge a given competition should not be affiliated with a school of radiologic technology at the same time his/her program is competing.

#### **C. Scorekeeper**

The Scorekeeper shall maintain a comprehensive score record of the schools in competition, visible to the audience.

#### **D. Timekeeper**

A timekeeper will be appointed by the committee whose duties and responsibilities will be to keep the official response time during competition. Each team will be allowed twenty (20) seconds to answer each question. If the answer has not been submitted in twenty (20) seconds no points will be given to that team. \*\* (The Timekeeper and Scorekeeper can be the same person)

E. Program Chairperson

The Education Delegate's responsibilities will include appointing a moderator, judges, timekeeper, scorekeeper and making all final preparations for the student bowl program. They are also responsible for notifying schools within the state of the competition.

**III. Policies of the Student Bowl**

A. Team Selection and Team Competition

1. The selection of team members will be determined by individual participating schools.
2. There is a limit of one team per school.
3. Each team will be comprised of (4) four participating members. Should extenuating circumstances arise, a substitution may be made if done so prior to the start of competition.
4. Team membership will be limited to students in the 1<sup>st</sup> and 2<sup>nd</sup> years of the professional phase of the program.
5. All competing students must be currently registered and in good standing in the school they represent
6. To be eligible to participate in the Student Bowl Competition each student must be a member of the ALSRT at time of submitting team application. Participants must also be registered as a student at the ALSRT meeting. Names that are submitted to the Education Delegate will be verified against the ALSRT membership list and the list of registered meeting students.
7. Submit Student Bowl Team Application by **March 1**.

B. Program Questions

1. Questions should be constructed and worded to represent the expected level of didactic and clinical proficiency that a radiographer should possess at the completion of their program.
2. Questions will be multiple choice only and presented in a power point.
3. Questions should represent the general categories used by the ASRT.
4. Should have answers verifiable from textbooks pertinent to the study of radiography.
5. Any question considered ambiguous by the judges or is answered by the audience will be discarded.
6. Questions should be secured by quiz bowl officials. Under no circumstances shall anyone reveal any competition questions to any member of a quiz bowl team.

C. Program Equipment

1. Special equipment needed for the program will be developed and/or procured by Education Delegate.
2. Each team will be provided with (4) four laminated double-sided cards that read "A", "B", "C", "D" for the purpose of selecting the multiple choice answer that their team chooses as

the answer to a given question. One practice question and answer session will be done prior to the first student bowl category to ensure that all teams understand the process of how the question/answer sessions work.

3. All competing teams will be seated at a designated table during the competition.
4. Each participating school is responsible for supplying a school identification sign for their table. The sign should be made of white poster board measuring 18" wide by 5" high with black lettering preferably measuring 3" high. It should be positioned such that it can be easily read by moderator.

#### **IV. Procedure of the Student Bowl**

##### **A. Team Pairings and Pre-Bowl Meeting**

A pre-bowl meeting will be held 15 minutes prior to the competition. At this time a representative from each school team will meet with the committee chairperson to review the rules of the competition.

##### **B. Moderator Address to the Audience**

Prior to the competition, the program moderator will review the rules and equipment and make a brief preliminary address to the audience on the following points:

1. The audience will refrain from supplying answers. If this occurs, the question will be discarded and the audience will be warned of possible expulsion.
2. The judges will have the final decision regarding the validity of a question or answer.
3. No member of the audience or competing team is permitted to tape record, video designated record, take notes, or in any other manner record the event.
4. The audience and program faculty of competing teams will stay in the seating area; no chairs are to be moved beyond the designated area.

##### **C. Competition**

1. Calculators, pencils, scratch paper and (4) four laminated double sided cards that read "A", "B", "C", "D" will be provided to each team.
2. All schools will compete at the **same time**. Each team will be seated at their designated table in front of the moderator and power point session.
3. Competition will consist of four (4) rounds in which each round will have a varying number of questions, from each category, that will be pulled from current ARRT Registry content. See break down below to see number of questions that will be asked in each of the (4) four categories
4. The rounds will proceed as follows:

<b>Round</b>	<b>Category</b>	<b>No. of Questions</b>
I.	Patient Care (Patient Interactions and Management)	8
II.	Safety (Radiation Physics & Radiobiology & Radiation Protection)	13
III.	Image Production (Image Acquisition and Technical Evaluation; Equipment Operation and Quality Assurance)	11
IV.	Procedures (Head, Spine and Pelvis; Thorax and Abdomen; Extremity Procedures)	<u>18</u>

Total 50

5. Each team will have a 20 second opportunity to use their laminated double sided cards that read "A", "B", "C", "D", to choose an answer to each of the multiple choice questions, from each section, which will be asked by the moderator and seen at the same time on the power point session. The moderator will ask all teams to hold up their laminated answer card, at the same time, at the end of the 20 second time. Cards should be held high so that judges and audience can easily see each team's answer. Each question will be worth one (1) point for a possible total of 50 points.
6. At the end of the 50 questions, the team with the most points will be deemed as the winning team
7. In the event of a tie, the competition will continue with a tie-breaker round, where random questions from any category will be asked of tied teams. Each team will answer the same questions in the manner used in previous rounds. The team that correctly answers a question that is missed by the other team(s) will be declared the winner.
8. A question may only be challenged by a member of the four (4) person team participating at that time. The question must be challenged prior to the presentation of the next question. THE JUDGE'S RULING IS FINAL.

#### D. Winner Determination and Awards

The team with the most points at the end of the competition will be deemed the winner. The trophy, a plaque, and monetary award will be awarded to the team winning first place. The team winning second place will be awarded a plaque and monetary award.

Revised June 6, 2023

# Alabama Society of Radiologic Technologists

## *Student Bowl Team Application*

Student Names: (Please Print)

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Note: Should extenuating circumstances arise, a substitution may be made if done so prior to the start of competition.

### **Permission to Post Photo**

*I/We understand that when participating in the student competition activities during the ALSRT Annual Meeting, the applicants may be photographed for print, video, or electronic imaging to be used in promotional materials, news releases and other published formats for the ALSRT. I/We acknowledge that the images may or may not include names of applicants.*

Student Signatures:

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Radiologic Technology Program

Signature of Program Director

Date

Please submit no later than **March 1<sup>st</sup>** to:  
**Ashley Long at [radashley2001@yahoo.com](mailto:radashley2001@yahoo.com) or fax: 205-759-7011**

*Reminder! All student bowl participants must be members of the ALSRT by March 1<sup>st</sup> and must be a registered conference participant. Names will be checked against membership and meeting registration lists, and if name is not on those lists, the student will be disqualified from competition.*