

NSRT
STUDENT BOWL
COMPETITION
RULES

NAME - The program shall be, from henceforth, known as the Nebraska Society of Radiologic Technologist Student Bowl. (NSRT Student Bowl)

PURPOSE - To provide for student participation, recognition of expertise in academics, and a healthy competitive atmosphere among area Radiography Educational Programs.

ELIGIBILITY - Those students who are enrolled in an accredited radiologic technology training program. Each team member must be enrolled within the same educational training program. All students entered into the competition **MUST** be members of the Nebraska Society of Radiologic Technologists or an affiliate society. All students shall be required to pay the pre-registration fee for the Annual Conference.

APPLICATION - Programs wishing to participate in the Student Bowl Competition must have their applications to the Student Bowl Coordinator **before JANUARY 25**, preceding the Annual Conference of the NSRT. All applications must include the name of the educational program in which each individual team member is enrolled, the full name of the individual as it will appear on the team roster, the name of the coach, the name of one educator who could be selected as a judge for the competition, and the signature of the program director. The number of teams submitted by each educational facility will be determined on a yearly basis upon recommendation of the Nebraska Educators and approval by the NSRT Board of Directors.

A Pre-Competition meeting, of the Moderator, all judges and all coaches, will be held as determined by the Student Bowl Coordinator.

TEAM ROSTER - Each team shall consist of a maximum of three (3) primary students and not more than three (3) alternate student participants. Those students whose names appear on the roster shall be designated as to their participation; either primary or alternate, and this roster must be sent with the application and shall not be subject to change once the application is received by the NSRT Executive Office. An alternate may take the place of a primary team member as approved by the Student Bowl Coordinator, the NSRT President and the Student Bowl Moderator at any time; although, in the case of a substitution, the alternate becomes the primary team member and the original primary member may not come back into the competition.

MATCHING THE TEAMS - There shall be two (2) teams in competition at one time. These teams will be drawn at random at the February/March Board meeting, prior to the Annual Conference. The time schedule cannot be changed once the teams have been chosen and entered into competition.

JUDGES - There shall be three (3) judges for the set competition. Each individual must be a registered Radiologic Technologist (ARRT) and shall not be actively involved with the participating teams.

Each participating program shall designate an educator to serve as a judge.

Educator Judges will be chosen at random prior to each competition set, abstaining during the competition of his/her educational program.

The NSRT President shall assist the Student Bowl Coordinator in appointing officials for the competition.

In addition to judges, the following duties shall be assigned to individuals who are Registered Radiologic Technologists (ARRT). These assistants will not be considered judges and will not be involved in any decisions pertaining to questions and answers.

These assistants will be:

- 1) **TIMER** - It will be the responsibility of one (1) individual to keep time during the competition and identify the team buzzing in first.
- 2) **SCOREKEEPER** – It will be the responsibility of one (1) individual to maintain a comprehensive record of the score for those teams in competition.
- 3) **PROTEST MODERATOR** – It will be the responsibility of one (1) official to accept all written or oral protest and must, furthermore, explain all protests orally before the judges, as a group, deliberate the protest.
- 4) **MODERATOR ASSISTANT** – It will be the responsibility of one (1) individual to serve as an assistant to the moderator, advance presentation slides and perform other duties as needed by the moderator.

MODERATOR - will serve as competition coordinator, is responsible for presentation of all questions, and to assess the awarding of points or penalties. The moderator shall not serve as a judge. If the answer given by the competing team does not reflect the answer listed on the answer sheet, she/he will defer the acceptance or denial of the question to the judges. The moderator shall have available before him all answers to questions used in competition.

QUESTIONS - Each participating radiologic training program shall be responsible for writing the questions used for the NSRT Student Bowl Competition. **Each team** must prepare a minimum of ten (10) questions and these questions must be **submitted with the application form prior to JANUARY 25**. All questions shall be footnoted as to reference, answer, and the page number that the question is taken from.

The ten (10) questions should be divided as follows:

- Two (2) questions from each of the following:
- A. Image production and evaluation
 - B. Radiation biology and protection (Use SI units only)
 - C. Patient care
 - D. Procedures to include anatomy, positioning & pathology
 - E. Equipment maintenance

The NSRT has developed a question bank consisting of three (3) groups of competition questions. The question groups will be rotated yearly to avoid repeat questions from the previous year. The newly submitted questions will be used to replace or supplement some of the existing questions.

The teams in competition will not have access to or prior knowledge of the content of the questions used in their competition. All questions selected for use in competition shall be obtained from textbook sources listed as references (the reference list shall be updated on a yearly basis by the Student Bowl Coordinator). They shall be selected in no specific proportions or ratios. A question shall not appear more than once during a match play.

All questions and applications should be submitted via internet using the template provided to the Educators. Questions should contain a minimum of 5 graphics or photos per ten (10) question submission. These must be from publications only and referenced.

There should be no questions pertaining to traditional units, film, screens or chemical processing.

Additional questions, to be used as a replacement for a discarded question during competition, will be available for reading only. These questions will not be in PowerPoint® form.

MATCH LENGTH - The competition, match play, will continue until twenty-one (21) questions have been offered to the competing teams. The match will begin with ten (10) questions given, followed by a five (5) minute half. The competition will then be competed using the remaining eleven (11) questions. Only official time-outs are acceptable. If there is a TIE, five (5) additional questions will be asked. (There shall be NO BREAK prior to presentation of tie breaking questions). After these questions are asked and answered, the team with the most points will be determined the winner of that competition set. In the event of a tie, play will continue until a winner is determined.

DEFAULT - Any team failing to have all three (3) team members present fifteen (15) minutes prior to the prescribed starting time shall default to their opponent. (The entire team must be present in the competition room.)

PROTESTS - Protests of procedure, questions, or answers, must be made by coaches only.

The Protest Moderator shall have responsibility of accepting or rejecting a protest. The decision of the officials shall be final in manner of protest.

All protests must be submitted in writing at half-time and at the end of game play. Team points may be adjusted accordingly.

Documentation of all protests will be recorded by the Student Bowl Chairperson.

COMPETITION - The competition shall be limited to the Moderator offering twenty-one (21) questions to competing teams.

The Moderator will read the offered question to both teams simultaneously. The first team to press the buzzer will receive the opportunity to answer the question. The answer to the question must be given within **FIFTEEN (15) SECONDS**, after the buzzer has sounded. If no answer or an incorrect answer is given, the Moderator shall repeat the question for the opposing team. If neither team buzzes, ten (10) seconds will be allowed to elapse and then the question will be thrown out and a new question will be given. No conferring with

teammates will be allowed during these ten (10) seconds. **The Timekeeper will notify each team when there are five (5) seconds remaining in the allotted answering time.**

If additional information is needed from the answering team, this must be given within five (5) seconds of being asked for clarification or additional information.

Paper and pencils will be supplied to each competing team by the officials for each competition.

When there is a deliberation of judges concerning a question, the judges have a maximum of five (5) minutes to make their decision or the question and/or answer will be disqualified.

All questions will be viewed on a screen behind the Moderator. The question will not appear until after the Moderator has completed the question. The question will not appear on the screen, if a player buzzes in prior to the question being completed.

QUESTIONS WILL BE NOT BE REPEATED, unless the team buzzing in prematurely answer incorrectly. In which case, the question is repeated in full to the opposing team.

After ten (10) questions have been given by the Moderator, a five (5) minute break will occur in which teams will change sides. After the break, competition will continue as usual with the remaining eleven (11) questions read for the set competition. The team with the most points at the end of twenty-one (21) questions shall be declared the winner of the set. Competition shall continue as scheduled until one (1) team has successfully defeated all encountered teams entered in the competition.

PRACTICE QUESTIONS - The Moderator will ask three (3) sample questions prior to the first round of competition only. These questions will have no point valued assigned to them and will not be counted for or against the team scores. These questions are to allow familiarization of the players with the buzzer system and the rules of competition. These questions may or may not pertain to the radiation sciences.

PENALTIES:

Premature Answer -- When a team member presses the buzzer before the Moderator has completed the question, the Moderator shall stop speaking and allow the individual a chance to answer the question. Failure to answer correctly will cost the team the value of the question. The question shall then be repeated for the opposing team and the question viewed on the screen. The Moderator will instruct the Scorekeeper that a point is to be deducted from the team buzzing in prematurely.

Answering Without Pressing Buzzer -- Teams answering questions out of turn shall be penalized the point value of the question.

Any coaching or yelling of answers from the audience will delete the question being asked.

GOVERNING BODY - Student Bowl rules and regulations shall be recommended by the educators, with the Board approval to follow.

Variations may be made to the rules for a designated years' competition, to allow for plausible permanent changes in the future; however, the main concept of the competition must remain intact. All adaptations must be approved by the NSRT Board of Directors prior to implementation. Any variations will be communicated to all Educational Programs prior to the deadline date for the competition.

All rules and any variations for the specific year's competition will be made available on the NSRT Web site (www.nsrt.net).