**PURPOSE**
To evaluate each contestant’s preparation for employment and to recognize outstanding students for excellence and professionalism in the field of dental assisting.

**CLOTHING REQUIREMENT**

**Healthcare Attire**
- Official school clinical uniform with identification removed/concealed.
- Scrubs should fit appropriately for all health contests and should be properly hemmed and wrinkle free. Only plain, white, collarless T-shirts may be worn underneath the scrubs. Hair must be pinned up and off the collar.
- White socks or skin-tone seamless hose
- Health-professionals white or black leather work shoes
- Shoes must be all-white or black leather (no canvas), completely enclosed (no open-toe or open-heel). Athletic-style shoes that meet the criteria are acceptable.
- Only one stud or small hoop earring in each ear is allowed. No facial piercings are allowed. All visible tattoos (including those on hands, arms, and the neck or chest must be covered.

*Note: Contestants must wear their official contest clothing and bring all supplies to the contest orientation meeting and contest. Also bring a #2 pencil, resume and safety assurance form.*

**EQUIPMENT AND MATERIALS**

1. Supplied by the technical committee:
   a. All instruments, equipment and materials required for the contest
2. Supplied by the contestant:
   a. Watch with second hand
   b. Pencil
   c. Red and blue pencil
   d. Pen with black ink
   e. Masks, 10 pair gloves, safety glasses with side shield, goggles or face shield
   f. Disposable gown (no lab coats)
   g. All competitors must create a one-page résumé and submit a hard copy to the technical committee chair at orientation. Failure to do so will result in a 10-point penalty.

*Note: Your resume may be judged as part of your contest” Check the Contest Guidelines and/or the updates page on the NYS SkillsUSA Web site: [http://www.nysskillsusa.org](http://www.nysskillsusa.org)*

**SCOPE OF THE CONTEST**
The contest is defined by the ability to perform the procedures specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) Examinations and as determined by the NYS SkillsUSA health occupations technical committee. A copy of the standards may be purchased from:

DANB
676 N. St. Clair, Suite 1880
Chicago, IL 60611
Phone: 800-FOR-DANB
Web: [www.danb.org](http://www.danb.org)

**Knowledge Performance**
The contest will include a written knowledge exam assessing knowledge of dental foundations, communication skills, safety, infection control and asepsis (core and advanced), ethics/law and employment skills.

**Skill Performance**
The contest will consist of simulated dental office situations and demonstrations.
Contest Guidelines
1. Contestants will be rated on personal appearance, the degree of work skills and speed used in the performance of the assigned task. The use of safety measures and the degree of effective personal interaction with the patient will also be rated, when appropriate.
2. All procedures for the simulations will be selected from the latest edition of *Modern Dental Assisting* (Torres and Ehrlich) by Elsevier Publishing. Contact your area representative for a desk copy of the textbook, student workbook and online resources by calling 800-222-9570.
3. The skills included in the contest will be selected from the Standards and Competencies listed below and may involve total procedures or tasks that are a part of the procedures.

Standards and Competencies

**DA 1.0** — Monitor and manage safety and infection control using procedures specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) for examinations and as determined by the SkillsUSA health occupations technical committee

1.1 Report and/or record safety hazards in the workplace
1.2 Apply principles of body mechanics
1.3 Perform maintenance on equipment to keep in proper working order
1.4 Demonstrate and maintain a safe client environment
1.5 Interpret and respond to medical emergency protocol
1.6 Verify identity of client
1.7 Use precautions in the presence of ionizing radiation
1.8 Manage hazardous materials and use standard precautions of the workplace following EPA, OSHA, CDC and ADA guidelines.
1.9 Perform correct handwashing techniques
1.10 Use appropriate personal protective equipment
1.11 Identify modes of pathogen transmission
1.12 Apply principles of sterilization, disinfection and ultrasonic preparation for equipment, instruments and supplies in the workplace

**DA 2.0** — Assess the client’s condition following good practices based on guidelines as specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) for examinations and as determined by the SkillsUSA health occupations technical committee

2.1 Measure and record blood pressure, respirations, oral temperature and pulse
2.2 Perform CPR for adult, child and infant
2.3 Demonstrate knowledge of basic dental emergencies
2.4 Demonstrate knowledge of pre- and post-operative instructions

**DA 3.0** — Apply preventive procedures using guidelines specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) for examinations and as determined by the SkillsUSA health occupations technical committee

3.1 Instruct client in use of dental floss and Bass tooth-brushing method
3.2 Identify food groups and their importance in relation to proper oral health
3.3 Assist with oral prophylaxis
3.4 Demonstrate proper oral appliance use and care
3.5 Demonstrate application of topical fluoride

**DA 4.0** — Apply chair-side assisting procedures using guidelines specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) for examinations and as determined by the SkillsUSA health occupations technical committee

4.1 Demonstrate seating, dismissing, positioning client in treatment chair and placing of patient napkin
4.2 Demonstrate knowledge of operator and assistant working positions inside the treatment area
4.3 Demonstrate transfer of instruments to operator during various procedures such as sealants, operative or specialty
4.4 Demonstrate the use of various restorative materials and their applications during the chair-side procedure
4.5 Demonstrate use of high-volume evacuation
4.6 Identify and use instruments properly
4.7 Demonstrate and assist with area isolation and moisture control
4.8 Demonstrate knowledge of local
anesthesia application and armentarium

4.9 Demonstrate the use of various specialty materials and their applications during chair side procedures

4.10 Demonstrate field of operation during dental procedures using retraction, suction, irrigation, placing and removing cotton rolls, etc.

4.11 Identify features of rotary instruments

4.12 Demonstrate cleaning and polishing of removable appliances and prostheses

DA 5.0 — Apply dental laboratory procedures using various dental materials using the guidelines specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) for examinations and as determined by the SkillsUSA health occupations technical committee

5.1 Demonstrate mixing various gypsum products and construct study models

5.2 Demonstrate mixing various cements and demonstrate their applications

5.3 Demonstrate mixing various restorative materials along with their applications

5.4 Demonstrate and prepare various impression materials and their applications

5.5 Demonstrate and assist with oral sealants

5.6 Construct temporaries/provisionals using various methods

5.7 Construct mouth guard/bleaching tray/whitening tray using various methods

DA 6.0 — Apply radiology procedures using the guidelines specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) Examinations and as determined by the SkillsUSA health occupations technical committee

6.1 Demonstrate knowledge of radiation safety

6.2 Demonstrate knowledge of intraoral and extraoral radiography films

6.3 Identify radiographic processing errors

6.4 Demonstrate mounting and labeling of intraoral radiographic films

6.5 Demonstrate knowledge of processing radiographic films either manually or automatically

6.6 Demonstrate knowledge of intraoral radiographic equipment such as “XCP”

6.7 Demonstrate knowledge of methods of exposing radiographs

DA 7.0 — Manage the office using guidelines specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) Examinations and as determined by the SkillsUSA health occupations technical committee

7.1 Complete written client materials such as registration, charts and documents

7.2 Complete written office materials such as insurance forms, inventory, ordering supplies and recordkeeping procedures

7.3 Complete client oral charting (universal) from oral or written communication.

7.4 Complete various computer assignments including word processing, financial and/or office management software

7.5 Demonstrate oral and written communication skills with clients, families and staff using HIPPA regulations

7.6 Demonstrate various types of filing used to preserve client records

7.7 Demonstrate professional telephone etiquette

7.8 Record messages both written and verbally

DA 8.0 — Demonstrate employability skills using guidelines specified in the ninth edition of the Task Analysis for Dental Assisting National Board Inc. (DANB) Examinations and as determined by the SkillsUSA health occupations technical committee

8.1 Apply ethical and legal standards using a state dental practice act

8.2 Prepare résumé and job application

8.3 Participate in an interview for a job

8.4 Demonstrate ability to create a positive teamwork environment in the workplace

8.5 Demonstrate and exhibit professional appearance and conduct