

**SUNY Broome Community College  
Dental Hygiene Department  
Binghamton, New York**

**SUNY Broome Dental Hygiene Competency Exams:**

All competencies are graded with a detailed process/end product evaluation tool. The evaluation tools include process, critical errors as needed, end product evaluation and grading criteria.

Definitions to Terms:

- **Laboratory or Preclinical Instruction:** Indicates instruction in which students receive supervised experience performing functions using study models, manikins, or other simulation methods; student performance is evaluated by faculty according to predetermined criteria.
- **Lab Competency:** Demonstrating skills on a Typodont model with self/partner and/or instructor feedback. Students are NOT considered clinically competent in these skills upon course completion.
- **Pre-clinical Competency:** Demonstrating skills on a lab partner and/or a Typodont with instructor feedback. Students are considered pre-clinically competent upon completion and will be expected to perform the skill to clinical competency on their patients.
- **Clinical Competency:** Demonstrating the level of knowledge, skills, and values required by new graduates to begin practice in dental hygiene.

**First Year: (Completed at a Novice or Beginner Level)**

**DEN 101 – Dental Hygiene I**

1. Operatory Final Positioning (Pre-clinical Competency)
2. Basic Skills Evaluation (Pre-clinical Competency)
3. Instrumentation Competency Exam Explorers (Pre-clinical Competency)
4. Instrumentation Competency Exam Probe (Pre-clinical Competency)
5. Instrumentation Competency Exam Gracey Curets (Pre-clinical Competency)
6. Instrumentation Competency Exam Universal Curets (Pre-clinical Competency)
7. Instrumentation Competency Exam Scalers (Pre-clinical Competency)
8. Essential Selective Polishing (Pre-clinical Competency)
9. Instrument Sharpening (Pre-clinical Competency)
10. Extra/Intra Oral Exam (Clinical Competency)
11. Vital Signs – Pulse & Respiration (Pre-clinical Competency)
12. Fluoride Varnish (Pre-clinical Competency)
13. Flossing (Pre-clinical Competency)
14. Bass Toothbrushing (Pre-Clinical Competency)
15. Handwashing (Clinical Competency)
16. Professional Behavior (Clinical Competency)

**DEN 102 – Dental Hygiene II**

1. Implant Maintenance (Lab Competency)
2. Instrumentation Proficiency Exam Explorers (Clinical Competency)

3. Instrumentation Proficiency Exam Probe (Clinical Competency)
4. Instrumentation Proficiency Exam Gracey Curets (Clinical Competency)
5. Instrumentation Proficiency Exam Universal Curets (Clinical Competency)
6. Instrumentation Proficiency Exam Scalers (Clinical Competency)
7. Ultrasonic Scaling (10 Universal, 100 Thin) (Clinical Competency)
8. Desensitization (Clinical Competency)
9. Thermal Disinfector (Clinical Competency)
10. Ultrasonic Cleaner (Clinical Competency)
11. Sterilizers (Clinical Competency)
12. Infection Control (Clinical Competency)
13. Oral Self-Care Instruction (Clinical Competency)
14. Prosthetic Cleaning (Clinical Competency)
15. Vital Signs - Blood Pressure (Clinical Competency)
16. Pain Management (Topical) (Clinical Competency)
17. Radiographs Bitewings (Adult/Adolescent) Indirect Digital (Clinical Competency)
18. Fluoride Gel Tray (Clinical Competency)
19. Dental Chart (Clinical Competency)
20. Patient Assessment Competency Exam (PACE) – (2-Adults) (Clinical Competency)
  - i. Medical/Dental/Radiographic History
  - ii. Risk Assessment
  - iii. Extra/Intra Oral Exam
  - iv. Periodontal Assessment
    1. Gingival Evaluation
    2. Probing Depth
  - v. Deposit Detection
  - vi. Reassessment
21. Oxygen Tank Operation/Use (Clinical Competency)
22. Wheelchair Transfer (Pre-clinical Competency)
23. Computerized Patient Information Management System (Clinical Competency)
24. Dental Hygiene Process of Care Child Patient (Clinical Competency)
25. Dental Hygiene Process of Care Adolescent Patient (Clinical Competency)
26. Dental Hygiene Process of Care Adult Patient (Clinical Competency)
27. Professional Behavior (Clinical Competency)

#### **DEN 106 – Clinical Dental Radiography**

1. Radiographs FMS Indirect Digital (Phosphor Plate) (Clinical Competency)
2. Radiographs Bitewings (Child-Transitional) Indirect Digital (Lab Competency)
3. Professional Behavior (Clinical Competency)

#### **DEN 110W – Dental Materials**

1. Impressions (Clinical Competency)
2. Study Models (Clinical Competency)
3. Mouthguard Fabrication (Clinical Competency)
4. Dental Dam (Lab Competency)

5. Desensitization (Lab Competency)
6. Pit & Fissure Sealants (Clinical Competency)
7. Whitening Tray Fabrication (Lab Competency)
8. Placing & Removing Temporary Restorations (Lab Competency)
9. Suture Removal (Lab Competency)
10. Placing & Removing Matrix Bands (Lab Competency)
11. Selecting & Prefitting Temporary Crowns (Lab Competency)
12. Removal of Temporary Cement (Lab Competency)
13. Removal of Orthodontic Arch Wires & Ligature Ties (Lab Competency)
14. Selecting & Prefitting Orthodontic Bands (Lab Competency)
15. Placing & Removing Orthodontic Separators (Lab Competency)
16. Placing & Removing Elastomeric Ligatures (Lab Competency)
17. Placing, condensing, and carving amalgam restorations (Lab Competency)
18. Amalgam Polishing (Lab Competency)
19. Placing, condensing, and finishing non-metallic restorations (Lab Competency)
20. Professional Behavior (Clinical Competency)

**Second Year: (Completed at a Competent Level)**

**DEN 201 – Dental Hygiene III**

1. Instrumentation Proficiency Maintenance Exam Explorers (Clinical Competency)
2. Instrumentation Proficiency Maintenance Exam Probes (Clinical Competency)
3. Instrumentation Proficiency Maintenance Exam Gracey Curets (Clinical Competency)
4. Instrumentation Proficiency Maintenance Exam Universal Curets (Clinical Competency)
5. Instrumentation Proficiency Maintenance Exam Scalers (Clinical Competency)
6. Instrumentation Proficiency Maintenance Exam Ultrasonic (Clinical Competency)
7. Ultrasonic Scaling
  - a. ThinSert (Clinical Competency)
  - b. Slimlines (Slimline Right and Slimline Left) (Clinical Competency)
8. Patient Assessment Competency Exam (PACE) – Child (1) and Adult (3) (Clinical Competency)
  - i. Medical/Dental/Radiographic History
  - ii. Risk Assessment
  - iii. Extra/Intra Oral Assessment
  - iv. Periodontal Assessment
    1. Gingival Evaluation
    2. Probing Depth
  - v. Deposit Detection
  - vi. Reassessment
9. Desensitization (Clinical Competency)
10. Radiographs FMS Direct Digital (Digital Sensor) (Clinical Competency)
11. Radiographs Bitewings (Adolescent) Direct Digital (Clinical Competency)
12. Radiographs Bitewings (Adult) Direct Digital (Clinical Competency)
13. Radiographs Bitewings (Child-Transitional) Direct Digital (Clinical Competency)

14. Periodontal Charting (Clinical Competency)
15. Dental Charting (Clinical Competency)
16. Dental Sealants (Clinical Competency)
17. Tobacco Cessation (Clinical Competency)
18. Impressions (Clinical Competency)
19. Study Models/Mouthguards (Clinical Competency)
20. Chemotherapeutic Agents (Clinical Competency)
21. Computerized Patient Information Management System (Clinical Competency)
22. Dental Hygiene Process of Care Geriatric Patient (Clinical Competency)
23. Dental Hygiene Process of Care Special Needs Patient (Clinical Competency)
24. Professional Behavior (Clinical Competency)

### **DEN 203 – Pain Management in Dentistry**

1. Local Infiltration Anesthesia (Clinical Competency)
2. Nitrous Oxide Analgesia (Clinical Competency)
3. Professional Behavior (Clinical Competency)

### **DEN 202 – DH IV**

1. Radiographs
  - a. Intraoral Direct Digital (Digital Sensors) Proficiency Maintenance Exam (Clinical Competency)
  - b. Extraoral Digital (Panoramic Projections) (Clinical Competency)
2. Radiographs Bitewings (Child-Transitional) Direct Digital (Clinical Competency)
3. Radiographs Bitewings (Adolescent) Direct Digital (Clinical Competency)
4. Radiographs Bitewings (Adult) Direct Digital (Clinical Competency)
5. Desensitization (Clinical Competency)
6. Air Polishing (Clinical Competency)
7. Advanced Periodontal Instrumentation (Root Planing) (Clinical Competency)
8. Periodontal Case Based Patient Preparation and Presentation (Clinical Competency)
9. Local Infiltration Anesthesia Proficiency Maintenance Exam (Clinical Competency)
10. Nutritional Counseling (Clinical Competency)
11. Ultrasonic Scaling (Slimlines R & L) Proficiency Maintenance Exam (Clinical Competency)
12. Intraoral Camera Imaging (Clinical Competency)
13. Dental Hygiene Process of Care Special Needs Patient (Clinical Competency)
14. Dental Hygiene Process of Care Periodontally Involved Patient (Clinical Competency)
15. Dental Hygiene Process of Care Pediatric Patient (Clinical Competency)
16. Tobacco Cessation (Clinical Competency)
17. Chemotherapeutic Agents (Clinical Competency)
18. Silver Diamine Fluoride Application (Pre-clinical Competency)
19. Professional Behavior (Clinical Competency)