New York Customized Assessment Blueprint

Nail Specialty

Test Code: 7416/ Version: 01

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General Assessment Information

Test Type: The Nail Speciality assessment was developed based on standards used in the state of New York and contains a multiple-choice and performance component. This assessment is meant to measure technical skills at the occupational level and includes items which gauge factual and theoretical knowledge.

Revision Team: The assessment content is based on input from New York educators who teach in career and technical education programs.

CIP Code
12.0410-
Nail Technician/Specialist and Manicurist

Career Cluster 8-
Human Services

39-5092.00
Manicurists and Pedicurists

In the lower division baccalaureate/associate degree category, 3 semester hours in Manicuring

NATIONAL COLLEGE CREDIT RECOMMENDATION SERVICE
University of the State of New York - Regents Research Fund
This written assessment consists of questions to measure an individual's factual theoretical knowledge.

**Administration Time:** 3 hours  
**Number of Questions:** 152  
**Number of Sessions:** This assessment may be administered in one, two, or three sessions.

### Areas Covered

- **Safety and Health:** 18%  
- **Bacteria and Infectious Diseases:** 20%  
- **Manicuring, Hand and Arm Massage:** 10%  
- **Nails and Nail Disorders:** 8%  
- **Client Consultation:** 5%  
- **Anatomy and Physiology of the Skin:** 11%  
- **Tip Application:** 7%  
- **Acrylic Application (3-Ball Method):** 5%  
- **Pedicure Procedures:** 3%  
- **Nail Art Procedure:** 2%  
- **Nail Wraps:** 3%  
- **Gel Nails:** 5%  
- **Sculptured Nails:** 3%
Specific Standards and Competencies Included in this Assessment

Safety and Health
• MSDS
• Hazardous material communications
• First aid
• Local state and federal safety codes
• General salon/clinic safety
• Difference between sanitation and sterilization
• Regulations
• Chemical methods/physical methods
• Sanitary rules and regulations

Bacteria and Infectious Diseases
• Methods of infectious control
• OSHA regulations
• AIDS awareness
• Hepatitis
• Mold fungus
• Blood borne pathogens
• Viruses
• Infections and their prevention
• Sanitation/sterilization

Manicuring and Hand and Arm Massage
• Basic manicures
• Men's manicure
• Nail shape and color analysis
• Types of massage
• Massage of hand and arm

Nails and Nail Disorders
• Mold fungus
• Disorders of the nails and skin
• Foot disease
• Nail structure

(Continued on the following page)
Specific Standards and Competencies (continued)

Client Consultation
- Lifestyle profile
- Diagnosis of skin type and nail plate type and shape
- Nail services
- Nail services and product usage

Anatomy and Physiology/Skin
- Cell metabolism and structure
- Tissues and organs
- Systems or the body and their relationships
- Bones, muscles, nerves of hand, arm, leg and foot
- Histology of skin and HS function

Tip Application
- Procedure of tip application
- Removal techniques
- Tips with acrylic overlay
- Trouble shooting

Acrylic Application (3 ball method)
- Application tip overlay
- Natural nail overlay
- Sculptured nail
- Mending and repairing
- Re-balance and repair problem nails
- Chemical reaction to liquid and powder

(Continued on the following page)
Specific Standards and Competencies (continued)

**Pedicure Procedures**
- Procedure for paraffin treatment
- Massage manipulation
- Massage of foot/leg

**Nail Art Procedure**
- Removal of old polish
- Portfolio
- Professional organizations
- Career opportunities

**Nail Wraps**
- Wrapping technology silk, fiberglass, linen
- Surface wrapping natural nail and mending
- Tip overlay
- Liquid nail wrap maintenance

**Gel Nails**
- Procedure
- Gel over nail tips
- Strengthening natural nail with gels
- Procedure repairs and cracks proper clean up
- Removing gels and tips

**Sculptured Nails**
- Nail sculptured technology
- Application of nail forms
Sample Questions

A Material Safety Data Sheet (MSDS) will tell you about a product’s potential
   A. price increase
   B. hazards
   C. reformulation
   D. discontinuation

Nail fungus usually appears as a discoloration on the nail that spreads toward the
   A. cuticle
   B. tip
   C. nail bed
   D. center

Clients with ridged and brittle nails or dry cuticles may benefit from
   A. reconditioning hot oil manicure
   B. French manicure
   C. gentle scrubbing
   D. gel nails

Which of the following describes a nail loosening from the nail bed, usually beginning at the free edge and continuing to the lunula?
   A. mold
   B. paronychia
   C. onycholysis
   D. onychomycosis

Blood vessels, fat cells and sweat glands are found in the ______ layer of the skin.
   A. epidermis
   B. subcutaneous
   C. reticular
   D. stratum mucosum
Performance Assessment

NOCTI performance assessments allow individuals to demonstrate their acquired skills by completing actual jobs using the tools, materials, machines, and equipment related to the technical area.

**Administration Time:** 2 hours and 15 minutes
**Number of Jobs:** 1 job with 6 procedures

**Areas Covered:**

8% **Table Set-Up**
Sanitize, set-up disinfectant tray, set-up implements, fill fingerbowl

29% **Basic Manicure**
Shape nails, soak and condition, perform basic manicure

11% **Tip Application - Shaping**
Apply tips, trim, blend and file

14% **Wrap Application**
Apply fabric wraps to nails

19% **Acrylic Application**
Apply two-color acrylic overlay and a sculptured nail over a form

11% **Polish Application and Sanitation**
Apply 4 coats of nail covering, using 3-5 brush strokes per nail; clear work area and replace supplies to kit

8% **General Criteria for Overall Test**
Jewelry restrictions, professional appearance, proper conduct
Sample Job

Wrap Application

**Estimated Job Time:** 30 minutes

**Participant Activity:** A total of three nails will receive fabric wraps.

Step 1: Cut silk and fiberglass wraps into basic shapes.

Step 2: Set fiberglass wraps aside and apply one silk over tipped nails, trimming and gluing as procedures require.

Step 3: Apply fiberglass wrap to two nails, trimming, gluing, and using activator as procedure requires.

Step 4: Return to nails that have received silk and fiberglass wraps. Shape all three nails.

Step 5: Buff and oil all three wrapped nails.