

## THEORY EXAM CONTENT OUTLINES

### CONTENT OUTLINE - BARBER

#### I. RULES, REGULATIONS, AND SAFETY **Level 1**

##### A. Safety

1. Knowledge of products, tool and equipment
  - a. Thermal appliances
  - b. Patch Test precautions
  
2. Patron protection
  - a. Sanitation
  - b. Procedures
  - c. Professional Conduct
  - d. Consultations
  - e. Record Keeping
3. Maintaining safe working conditions
  - a. Labeling
  - b. Handling/Storing chemical products
  - c. Material Safety Data Sheets (MSDS)
4. First Aid/OSHA
  - a. Handling blood-contaminated tools
  - b. Disposing of blood-contaminated objects

##### B. Sanitation and Disinfection

1. Personal hygiene
2. Cleaning and disinfection of supplies, implements, and tools
3. Single-use items
4. Dispensing/disposal of products
5. Prevention of infectious disease/referral
6. Cleaning and disinfecting work surfaces

#### II. HAIR / SCALP STRUCTURE AND CARE **Level 2**

##### A. Properties of Hair

1. Structure
2. Growth phases
3. Disorders
4. Hair loss

##### B. Hair Type

1. Pigment
2. Wave pattern/follicle formation
3. Texture
4. Density
5. Porosity
6. Elasticity

- C. Hair and Scalp Care Services
  - 1. Scalp analysis/disorders and diseases of the scalp
  - 2. Shampooing and conditioning
    - a. Procedure
    - b. Products
  - 3. Scalp treatments/scalp massage
    - a. Procedure
    - b. Products

### III. SHAVING / BEARD DESIGN **Level 3**

- A. Shaving Safety
- B. Procedures
  - 1. Preparation
  - 2. Shave/shaving areas
  - 3. Post-shave
- C. Techniques
  - 1. Applying hot towels
  - 2. Lathering
  - 3. Shaving strokes
    - a. Freehand
    - b. Backhand
    - c. Reverse Freehand
    - d. Reverse Backhand
  - 4. Beard and mustache design
- D. Products and implements

### IV. HAIRCUTTING AND HAIRSTYLING (25%-30%)

- A. Haircutting
  - 1. Determination of appropriate cut and style
    - a. Hair texture and types
    - b. Hair condition
    - c. Hair length
    - d. Face shape
    - e. Establishing guideline
  - 2. Blunt/one length, graduated, and layered haircuts
  - 3. Thinning/texturing
  - 4. Using scissors/shears
  - 5. Using clippers
  - 6. Using a razor
- B. Hairstyling
  - 1. Wet styling
  - 2. Blow-dry styling
  - 3. Thermal styling
  - 4. Braiding
  - 5. Artificial hair
  - 6. Products and styling aids

**V. CHEMICAL SERVICES (20% TO 25%)**

- A. Hair Coloring
  - 1. Color Theory
  - 2. Product Chemistry
  - 3. Materials and Supplies
  - 4. Procedures, Techniques, and Application
  - 5. Patch Test
- B. Chemical Waving
  - 1. Product Chemistry
  - 2. Materials and Supplies
  - 3. Procedures, Techniques, and Application
  - 4. Precautions
- C. Chemical Hair Relaxing
  - 1. Product Chemistry
  - 2. Materials and Supplies
  - 3. Procedures, Techniques, and Application
  - 4. Precautions

**VI. SKIN CARE (4% TO 8%)**

- A. Skin Analysis
  - 1. Conditions that benefit from facial services
  - 2. Diseases and disorders that preclude facial services
- B. Facial Services
  - 1. Purpose and procedures
  - 2. Products, implements, and materials
  - 3. Massage manipulations
  - 4. Using electric skin devices and equipment
  - 5. Special procedures for sensitive, acne-prone, or aging skin

**CONTENT OUTLINE – BARBER TEACHER**

60 scored items (50-General, 10-STATE) 15 PRETEST ITEMS (10 GENERAL, 5-STATE)

- I. TEACHING METHODS (14%)
- II. ASSESSMENT TOOLS (16%)
  - A. Why
  - B. How
  - C. What
- III. DETERMINING EFFECTIVE INSTRUCTION (36%)
  - A. Establishing goals and objectives
  - B. Determining essential knowledge, skills and abilities
  - C. Understanding outcomes
- IV. THE LEARNER AND LEARNING ENVIRONMENT (34%)
  - A. Learning styles
  - B. Individual differences
  - C. Motivation
  - D. Record keeping

E. Classroom arrangement

## **CONTENT OUTLINE – MANAGER-BARBER**

40 SCORED ITEMS 5 PRETEST ITEMS

- I. PA Barber Laws and Rules (40%)
  - A. Shop Requirements
    1. General
    2. Space
    3. Equipment (Interior and Exterior)
    4. Licensing/Display of License
  - B. Maintenance and Sanitation (PA-Specific)
  - C. Out-of-Shop Services
- II. GENERAL SHOP MANAGEMENT PRINCIPLES (60%)
  - A. Safety and Sanitation
    1. Sanitation and Disinfection
    2. Maintaining Safe Working Conditions
  - B. Shop Operations
    1. Managing Employees
    2. Business Operation
    3. Serving Customers

## **LECTURE – BARBER TEACHER**

1. Clearly presents lesson plan, including topic, objective, and time required.
2. Objective explicitly states purpose of lesson.
3. Objective delineates the knowledge, skills, and abilities, students should acquire within the lesson.
4. Subject matter of lesson plan is directly correlated to selected topic.
5. Brings all necessary, relevant materials.
6. Presents material in a linear manner.
7. Visual aids are clear and easily legible.
8. Begins lesson on time.
9. Does not second-guess information being presented.
10. Information presented is accurate.
11. Describes safety and sanitation procedures of subject matter.
12. Discusses theory of assigned subject.
13. Discusses practical application of assigned subject.
14. Summarizes subject at conclusion of lesson.
15. Describes assessment methods that will be used to determine student's retention of subject matter.
16. Lists students' assignment(s) to reinforce subject matter.

## **BARBER TEACHER DEMONSTRATIONS**

### **Male Facial – Demonstration**

1. Identifies equipment, implements, cosmetics, and materials that are used to perform a male facial service.
2. Demonstrates preparation of client.

3. Explains and demonstrates correct safety and client protection procedures.
4. Reviews basic male facial procedures including application of massage product in direction of growth of beard.
5. Demonstrates giving a facial with steam towels.
6. Stresses proper direction while conducting the manipulations.
7. Reviews proper use of implements, cosmetics, and materials.
8. Establishes criteria to evaluate a quality male facial.
9. Summarizes demonstration.
10. Speaks clearly and distinctly.
11. Follows time frame stated in lecture.
12. Maintains sanitary conditions throughout.

#### **SHAVE – DEMONSTRATION**

1. Identifies equipment, implements, cosmetics, and materials that are used to perform a shave service.
2. Demonstrates preparation of client.
3. Explains and demonstrates correct safety and client protection procedures including disinfection of the straight razor prior to the service and applying an astringent/toner after shaving the face.
4. Explains how to prepare client's face and beard for shave.
5. Reviews basic shave of face and neck.
6. Demonstrates 14 shaving movements using correct strokes in the proper order on client.
7. Demonstrates how and explains why holding the skin taut and proper razor angle and stroking are important in safely servicing a client.
8. Reviews proper use of implements, cosmetics, and materials.
9. Establishes criteria to evaluate a quality shave.
10. Summarizes demonstration.
11. Speaks clearly and distinctly.
12. Follows time frame stated in lecture.
13. Maintains sanitary conditions throughout.

## Level 2 Barber Coursework

### HAIR / SCALP STRUCTURE AND CARE

Properties of Hair and scalp  
Structure and Composition of hair  
Hair Growth phases  
Hair loss types  
Hair Type  
Pigment  
Wave patterns/follicle formation  
Texture, Density, Porosity, Elasticity

Hair and Scalp Care Services  
Scalp analysis/disorders and diseases of the scalp  
Shampooing and conditioning  
Products  
Scalp treatments/scalp massage

### SKIN CARE

Skin Analysis  
Conditions that benefit from facial services  
Diseases and disorders that preclude facial services  
Facial Services  
Purpose and procedures  
Products, implements, and materials  
Massage manipulations  
Using electric skin devices and equipment  
Special procedures for sensitive, acne-prone, or aging skin

### PA Barber Laws and Rules (40%)

Shop Requirement  
General  
Space  
Equipment (Interior and Exterior)  
Licensing/Display of License  
Maintenance and Sanitation (PA-Specific)  
Out-of-Shop Services

### GENERAL SHOP MANAGEMENT PRINCIPLES (60%)

Safety and Sanitation  
Sanitation and Disinfection  
Maintaining Safe Working Conditions  
Shop Operations  
Managing Employees  
Business Operation  
Serving Customers

# Level 3 Barber Coursework

## HAIRCUTTING AND HAIRSTYLING

Determination of appropriate cut and style

Hair texture and types

Hair condition, hair length, face shape

Establishing guidelines

Blunt/one length, graduated, and layered haircuts

Thinning/texturing

Shear training

Clipper Training

Using a razor

Hairstyling

Wet styling

Blow-dry styling

Thermal styling

Artificial hair

Products and styling aids

## CHEMICAL SERVICES (20% TO 25%)

Hair Coloring

Product Chemistry

Materials and Supplies

Procedures, Techniques, and Application

Patch Test

Chemical Waving

Product Chemistry

Materials and Supplies

Procedures, Techniques, and Application

Precautions

Chemical Hair Relaxing

Product Chemistry

Materials and Supplies

Procedures, Techniques, and Application

## Advanced Placement Policy for FCCTI Barber Students in the Cosmetology Track

Advanced placement will be granted to applicants who have met all the requirements for admission to the program, as well as the qualifications for individual courses. Advanced placement hours will be granted upon Admission the Cosmetology program.

1. Criminal clearances.
2. Evidence of earning the equivalent of a high school diploma.
3. Valid PA Barber License

Students may be awarded up to 555 hours for the courses below. Advanced credit will be awarded only for courses where all requirements are met. Individual course hours may be awarded.

Table 1: Course requirements for Advanced Placements

COURSE	REQUIREMENTS	HOURS AWARDED
Laws, Rules & Regulations	<ul style="list-style-type: none"> <li>• Earn a grade of C in the high school course</li> </ul>	25 1.7
Cutting & Texturizing	<ul style="list-style-type: none"> <li>• Earn a grade of C in the high school course</li> </ul>	150 10
Setting, Styling & Shampooing Services	<ul style="list-style-type: none"> <li>• Earn a grade of C in the high school course</li> </ul>	95 6.3
Sciences	<ul style="list-style-type: none"> <li>• Earn a grade of C in the high school course</li> </ul>	200 13.3
Chemical Services	<ul style="list-style-type: none"> <li>• Earn a grade of C in the high school course</li> </ul>	50 14.7
Professional Practices	<ul style="list-style-type: none"> <li>• Earn a grade of C in the high school course</li> </ul>	35 2.3
Hours within the curriculum which are duplicated		555