



**BETHLEHEM AREA VOCATIONAL-TECHNICAL  
SCHOOL**  
**3300 CHESTER AVENUE BETHLEHEM PA 18020**

**Cosmetology**

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## **COSMETOLOGY**

### **Course Description:**

The primary purpose of the Cosmetology Course is to train the student in the basic manipulative skills, safety judgments, proper work habits, and desirable attitudes necessary to achieve competency in job entry-level skills, obtain licensure, and gainful employment in the field of cosmetology or related career fields. Cosmetology students begin their training using a mannequin and working with classmates providing assigned or requested personal services. The students are engaged in a program of study where each works independently and advances from one skill to another throughout the training period. They learn permanent waving, shampooing and styling, manicuring, haircutting, facials, scalp treatments, and color. After basic techniques are mastered, the students are required to work on clients in the patron service area. At the end of the program, a student's job readiness and mastery of occupational skills will be measured based on testing and standards of the Pennsylvania State Board of Cosmetology Licensing Exam.

**Average pay:** The average Hairdresser/Hairstylist salary in Lehigh Valley, PA is \$28,390 as of October 2022, but the range typically falls between \$28,390 and \$61,000. Salary ranges can vary widely depending on the city and many other important factors, including education, certifications, additional skills, number of years you have spent in your profession. ([www.onetonline.org](http://www.onetonline.org))

Other career paths include Skin Care and Nail technician. Skin care salaries range from, \$31,600 to \$48,000, while nail technicians range from \$23,010 to \$32,780. However, these may or may not include tips.

According to the U.S. Bureau of Labor Statistics. The demand for cosmetologists is expected to grow by 15 percent between 2020 and 2030. Opportunities for manicurists and pedicurists are projected to grow by 15 percent.

In demand careers: Barbers, hairstylists, nail technicians, and cosmetologists projected to grow 15 percent from 2020 to 2030

**Pennsylvania Cosmetology license:** upon completion of the required 1250 hours, students will complete the application process; pay the fees in order to test for the state board examination. Once students have passed the exam, they will receive their license from the state of Pennsylvania.

## **Reference Material:**

Milady Standard Cosmetology Curriculum 14<sup>th</sup> Edition  
Milady power point notes  
Salon Fundamentals  
Printers  
Computers

## **Classroom Tools:**

Level 1 Student Kits (includes all the necessary items needed to practice skills)  
Student Stations  
Hair Dryers  
Shampoo Stations  
Manicure Tables  
Facial chairs  
Blow dryers  
Curling irons

## **Course Syllabus Level 1**

### **First Semester (First Marking Period)**

#### **Projects:**

Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
Bacteria project  
PH scale workshop  
Shampoo types project  
Milady Standard Cosmetology Homework  
Safety in disinfection report  
Safety in shampooing report  
Chapter vocabulary  
Daily warm-up/exit slips  
Draping/Shampooing/Thermal Hair styling task sheet  
Safety in Scalp treatment  
Styling product report  
Verbal and none verbal communication activity

#### **Duty and Tasks Covered:**

##### **000100 BACTERIOLOGY, DISINFECTION AND SANITATION**

000101 Define the classifications and reproduction of bacteria and viruses  
000102 Define and compare the differences between sanitation,disinfection and sterilization  
000103 Perform infection control procedures for various salon tools and services  
000104 Administer universal precautions.

##### **001100 SHAMPOO AND CONDITIONING**

001101 Demonstrate draping for all hair services.  
001102 Determine a product based on individual client needs.  
001103 Perform various shampoo and conditioning treatments on a client.

##### **001300 HAIR STYLING/FINGERWAVING**

001301 Perform fingerwave techniques  
001302 Identify hairstyling implements and equipment  
001304 Perform roller setting and comb-out techniques  
001305 Perform pincurl setting and comb-out techniques  
001306 Perform braiding techniques

##### **002100 SCALP TREATMENT**

002101 Perform a basic scalp treatment on a client  
002102 Explain the use of electrical equipment during a scalp treatment.

## **First Semester (Second Marking Period)**

### **Projects:**

Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
Safety in hair cutting  
Styling product report  
Nail art project  
Milady Standard Cosmetology Homework  
Chapter vocabulary  
Daily warm-up/exit slips

### **Duties and Tasks covered**

#### **001200 HAIR SHAPING**

001201 Demonstrate proper handling of hair cutting tools  
001202 Demonstrate various haircutting techniques with shears  
001203 Demonstrate various haircutting techniques with a razor

#### **001300 HAIR STYLING/FINGERWAVING**

001304 Perform roller setting and comb-out techniques  
001307 Demonstrate the use of a marcel iron  
001308 Demonstrate blow drying techniques.

#### **001900 NAIL TECHNOLOGY**

001901 Prepare a manicure table  
001902 Identify nail care implements and equipment  
001903 Perform a basic manicure on a client  
001904 Perform massage treatments on the hands and feet  
001907 Demonstrate knowledge of pedicure procedures

## **Second Semester (Third Marking Period)**

### **Projects:**

Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
Safety in hair cutting report  
Elevation hair cutting poster  
Milady Standard Cosmetology Homework  
Review questions  
Chapter vocabulary  
Daily warm-up/exit slips  
Hair cutting/hair removal/Facials and make-up

### **Duties and Tasks Covered**

#### **001500 PERMANENT WAVING**

001501 Demonstrate various wrapping techniques  
001502 Select the appropriate solution according to client's needs

#### **001800 SKIN CARE**

001801 Drape client for basic skin care service  
001802 Select a product based on individual client needs  
001803 Perform a basic facial on a client

#### **00200 TEMPORARY HAIR REMOVAL**

002001 Identify multiple methods of temporary hair removal.  
002002 Demonstrate multiple methods of temporary hair removal

#### **001300 HAIR STYLING/FINGERWAVING**

001303 Select a hairstyle to compliment the client's features

## **Second Semester (Fourth Marking Period)**

### **Projects:**

Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
Safety in hair cutting report  
Elevation hair cutting poster  
Milady Standard Cosmetology Homework  
Chapter vocabulary  
Daily warm-up/exit slips

### **Duties and Tasks Covered**

#### **001800 SKIN CARE**

001801 Drape client for basic skin care service  
001802 Select a product based on individual client needs  
001803 Perform a basic facial on a client  
001804 Identify skin care implements and equipment

#### **001900 NAIL TECHNOLOGY**

001901 Prepare a manicure table  
001902 Identify nail care implements and equipment  
001903 Perform a basic manicure on a client  
001904 Perform massage treatments on the hands and feet  
001907 Demonstrate knowledge of pedicure procedures

SEP

## **Course Syllabus Level 2:**

### **First Semester (First Marking Period)**

#### **Projects:**

Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
Safety in hair coloring  
Milady Standard Cosmetology Homework  
Chapter vocabulary  
Daily warm-up/exit slips  
Color wheel project  
Swatches  
Color project  
Milady Practice Testing  
Clinic

#### **Duty and Tasks Covered:**

##### **000200 PROFESSIONAL ATTITUDE**

000201 Prepare and maintain client documentation following a successful client consultation.  
000202 Identify and demonstrate professional ethics.  
000203 Demonstrate effective communication skills, to include listening, speaking and writing in order to communicate with customer

##### **001600 HAIRCOLORING**

001601 Perform and evaluate a predisposition test  
001602 Perform and evaluate a strand test  
001603 Perform a temporary hair color service  
001604 Perform a semi-permanent/demi-permanent haircolor service  
001605 Perform a permanent haircolor service  
001606 Perform a hair lightener and toner application  
001607 Demonstrate techniques for creating special effects  
001608 Demonstrate corrective color techniques  
001609 Formulate color as it relates to the law of color

## **First Semester (Second Marking Period)**

### **Projects:**

Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
Safety in advanced nails  
Nail Diseases and disorders poster  
Hair texturizing poster  
Advanced perm wrapping techniques  
Milady Standard Cosmetology Homework  
Chapter vocabulary  
Daily warm-up/exit slips  
Milady Practice Testing  
Clinic

### **Duty and Tasks Covered:**

#### **001900 NAIL TECHNOLOGY**

001903 Perform a basic manicure on a client.  
001904 Perform massage treatments on the hands and feet  
001905 Perform various specialty manicures  
001906 Demonstrate knowledge of an artificial nail service  
001907 Demonstrate knowledge of pedicure procedures  
001908 Identify nail diseases and disorders

#### **001500 PERMANENT WAVING**

001501 Demonstrate various wrapping techniques  
001502 Select the appropriate solution according to client's needs

#### **001200 HAIR SHAPING**

001201 Demonstrate proper handling of hair cutting tools  
001202 Demonstrate various haircutting techniques with shears  
001203 Demonstrate various haircutting techniques with a razor

#### **001100 SHAMPOO AND CONDITIONING**

001101 Demonstrate draping for all hair services  
001102 Determine a product based on individual client needs  
001103 Perform various shampoo and conditioning treatments on a client

## **Second Semester (Third Marking Period)**

### **Projects:**

Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
Safety in make-up  
PH workshop  
Fantasy make-up  
Milady Standard Cosmetology Homework  
Chapter vocabulary  
Power point presentations/research  
Daily warm-up/exit slips  
Milady Practice Testing  
Clinic

### **Duty and Tasks Covered:**

#### **002300 MAKE UP**

002301 Apply basic daytime make-up on a client  
002302 Apply basic evening make-up on a client  
002303 Demonstrate corrective make-up techniques according to clients needs  
002304 Demonstrate knowledge of false eyelashes

## **000700 CHEMISTRY**

000703 Differentiate between the physical and chemical changes involved in various hair services

000704 Access chemical reaction as they relate to various services

000705 Demonstrate knowledge of chemistry pertaining to products used for hair, skin and nails

## **Second Semester (Fourth Marking Period)**

### **Projects:**

Milady Standard Cosmetology 14th Edition power point notes

Safety in Electricity

Power point presentations on body systems

Student presentations histology

Timed skills

Milady Standard Cosmetology Homework Chapter vocabulary

Daily warm-up/exit slips

Milady Practice Testing

Clinic

### **Duty and Tasks Covered:**

#### **000500 HISTOLOGY**

000501 Identify the structure and composition of the integumentary system

000502 Identify the structure and composition of the nail

000503 Identify the structure and composition of the skeletal system

000504 Identify the structure and composition of the muscular system

000505 Identify the structure and composition of the nervous system

000506 Identify the structure and composition of their circulatory system

#### **000600 TRICHOLOGY**

000601 Identify the structure and composition of the hair

000602 Identify diseases and disorders of the hair and scalp

000603 Analyze the characteristics of a client's hair and scalp

## **Course Syllabus Level 3**

### **First Semester (First Marking Period)**

#### **Projects:**

NOCTI preparation

Milady Standard Cosmetology 14th Edition power point notes

State laws presentations

State law packet

Safety in hair pressing report

Safety in chemical relaxing report

Milady Standard Cosmetology Homework

Chapter vocabulary

Power point presentations/research

Daily warm-up/exit slips

Milady Practice Testing

Fall Color Project

Clinic

#### **Duties and tasks covered**

##### **000400 PENNSYLVANIA COSMETOLOGY LAW**

000401 Demonstrate an understanding of the Cosmetology Laws, Rules and Regulations

##### **001400 CHEMICAL TEXTURIZING**

001401 Select appropriate products for chemically straightening hair

001402 Demonstrate various chemical relaxing services

001403 Demonstrate a soft curl permanent wave service

### **001700 HAIR STRAIGHTENING**

001701 Demonstrate hair pressing techniques showing soft, medium and hard press

### **001000 ELECTRICITY**

001001 Define the principles of electricity

001002 Review the safety measures related to electricity

001003 Explain the types, uses and benefits of light therapy

## **First Semester (Second Marking Period)**

### **Projects:**

NOCTI/ STATE BOARD PREPERATION

Milady Standard Cosmetology power point notes

State laws presentations

State law packet

Milady Standard Cosmetology Homework

Chapter vocabulary

Power point presentations/research

Daily warm-up/exit slips

Clinic

Milady Practice Testing

Quadrant Color Project

### **Duty and Tasks Covered:**

#### **000800 PHYSIOLOGY**

0008001 Identify the functions of the integumentary system.

000802 Identify the functions of the nail.<sup>[1]</sup><sub>SEP</sub>

000803 Identify body structures and systems.

<sup>[1]</sup><sub>SEP</sub>000804 List the function of the skeletal system.

000805 List the function of the muscular system.

000806 List the function of the nervous system.

000807 Listen the function of the circulatory system.

#### **000300 BUSINESS PRACTICES**

000301 Develop an effective management plan

000302 Develop personal financial plan

000303 Identify, interpret and follow safety regulations, including Material Safety Data Sheet and Occupational Safety and Health Administration

#### **000900 COSMETIC DERMATOLOGY**

000901 Identify the diseases and disorders of the skin

000902 Perform a skin analysis on a client

#### **001500 PERMANENT WAVING**

001501 Demonstrate various wrapping techniques.

001502 Select the appropriate solution according to client's needs

#### **001600 HAIRCOLORING**

001601 Perform and evaluate a predisposition test

001602 Perform and evaluate a strand test

001604 Perform a semi-permanent/demi-permanent haircolor service

001605 Perform a permanent haircolor service

001606 Perform a hair lightener and toner application

001607 Demonstrate techniques for creating special effects

001608 Demonstrate corrective color techniques

001609 Formulate color as it relates to the law of color

## **Second Semester (Third Marking Period)**

## **Projects:**

NOCTI/STATE BOARD PREPERATIONS  
Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
State laws presentations (continued)  
State law packet  
Synthetic hair vs real hair project  
Braided extensions  
Milady Standard Cosmetology Homework  
Chapter vocabulary  
Power point presentations/research (continued)  
Daily warm-up/exit slips  
Clinic  
Milady Practice Testing

## **Duties and Tasks covered:**

### **002200 CARE OF ALL HAIR TYPES AND TEXTURES**

002201 Select and apply styling products according to client's needs  
002202 Identify uses of specialty hairstyling equipment

### **002300 MAKE UP**

002301 Apply basic daytime make-up on a client  
002302 Apply basic evening make-up on a client  
002303 Demonstrate corrective make-up techniques according to clients needs  
002304 Demonstrate knowledge of false eyelashes

### **001300 HAIR STYLING/FINGERWAVING**

001301 Perform fingerwave techniques  
001302 Identify hairstyling implements and equipment.  
001303 Select a hairstyle to compliment the client's features  
001304 Perform roller setting and comb-out techniques.  
001305 Perform pincurl setting and comb-out techniques  
001306 Perform braiding techniques  
001307 Demonstrate the use of a marcel iron  
001308 Demonstrate blow drying techniques

## **Second Semester (Fourth Marking Period)**

### **Projects:**

NOCTI/STATE BOARD PREPERATION  
Milady Standard Cosmetology 14<sup>th</sup> Edition power point notes  
State laws presentations (continued)  
State law packet  
Hair color project  
Hair cutting to a picture project  
Milady Standard Cosmetology Homework  
Chapter vocabulary  
Skin diseases and disorders poster/presentation  
Power point presentations/research (continued)  
Daily warm-up/exit slips  
Clinic  
Practice State Board Procedures  
Mock State Boards  
Cutting and styling of various haircuts project  
Wedding Design Nail Art  
Milady Practice Testing



## Duties and tasks covered:

### 01600 HAIRCOLORING

- 001601 Perform and evaluate a predisposition test
- 001602 Perform and evaluate a strand test
- 001603 Perform a temporary hair color service
- 001604 Perform a semi-permanent/demi-permanent haircolor service
- 001605 Perform a permanent haircolor service
- 001606 Perform a hair lightener and toner application
- 001607 Demonstrate techniques for creating special effects
- 001608 Demonstrate corrective color techniques
- 001609 Formulate color as it relates to the law of color

### 001200 HAIR SHAPING

- 001201 Demonstrate proper handling of hair cutting tools
- 001202 Demonstrate various haircutting techniques with shears
- 001203 Demonstrate various haircutting techniques with a razor
- 001204 Demonstrate various clipper cutting techniques
- 001205 Perform various texturizing techniques
- F001206 Demonstrate facial, ear and neck hair removal

## Supplemental Learning Activities

Students who participate in this program will also have opportunities to participate in the following program and school-sponsored activities:

**Clinical Experience:** Upon completion of 300 hours students are required by the State Board of Cosmetology to do various services on the public. We offer a full service clinic lab twice a week to the public that is monitored by instructors; however all clinical work is done by students.

**SkillsUSA:** Professional Development Conference, Local Competitions, State Competitions, National Competitions. Students will also be able to participate in yearly events held at BAVTS: Chapter Meetings, fundraising, and car show along with various community service projects.

**NTHS:** Level II and Level III students who have received an “A” in their career and technical program as well as a “B” average at their sending school are eligible to become a member of the BAVTS Chapter of the National Technical Honor Society.

**Cooperative Education:** Students who have completed their hours are eligible to participate in a paid working experience during the PM session of BAVTS. Positions must be available and the student must be recommended by the CTE teacher in order to be eligible.

**Job Shadowing:** Students are eligible to visit business and industry partners for one or more days to view the day-to-day operations of various Beauty Salons in the Lehigh Valley Area.

**Field Trips:** Students in this program will on occasion attend field trips that expose them to educational experiences within the career field. These trips include but are not limited to the International New York Hair Show, Philadelphia Hair Show along with visits to local beauty supply stores.

Students are encouraged to complete their Cosmetology State Board Test

## Cosmetology Scope & Sequence (1545 hours)

Grade 10	Grade 11	Grade 12
<b>Bacteriology, Disinfection &amp; Sanitation:</b> 100 hours	<b>Professional Attitude:</b> 30 hours	<b>Business Practices:</b> 30 hours
<b>Shampooing, Conditioning &amp; Scalp Treatment:</b> 50 hours	<b>Histology:</b> 40 hours	<b>PA Cosmetology Law:</b> 50 hours
<b>Hair Shaping:</b> 165 hours	<b>Trichology:</b> 50 hours	<b>Physiology:</b> 30 hours
<b>Hairstyling/ Fingerwaving:</b> 110 hours	<b>Chemistry:</b> 30 hours	<b>Electricity:</b> 20 hours
<b>Permanent Waving:</b> 50 hours	<b>Cosmetic Dermatology:</b> 30 hours	<b>Chemical Texturizing:</b> 50 hours
<b>Skin Care:</b> 30 hours	<b>Haircoloring:</b> 200 hours	<b>Hair Straightening:</b> 30 hours
<b>Nail Techology:</b> 20 hours	<b>Makeup:</b> 30 hours	<b>Care of all Hair Types &amp; Textures:</b> 100 hours
	<b>Clinic:</b> 100 hours	<b>Clinic:</b> 200 hours