Electrologist

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Apprenticeship Manitoba

Generic Introduction to Electrologist

Unit: A1 Introduction to Electrologist

Level: One

Duration: 14 hours

Theory: 14 hours

Practical: 0 hours

Overview:

This unit is designed to provide the esthetician or electrologist apprentice with an overview of the esthetician/electrologist trade. Each apprentice should be able to identify sources of information related to various career paths and professional development opportunities. The importance of the apprentice knowing the facilities and services of the trade and the link this has with professional conduct will be explored. The apprentice should also understand the importance of a professional appearance when dealing with clients and the way in which this enhances the image of the salon.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Examine the esthetics and electrology industry.	**10%**
a. Scope of the trade • Nail technician • Skin care technician • Electrologist b. Apprenticeship • Certificate requirements c. Trade regulations • Esthetician 37/2002 • Electrologist 36/2002	
2. Examine the roles and responsibilities of estheticians and electrologists.	**10%**
a. Duties of esthetician/electrologists • Occupational analysis • Practical training record book – task checklist b. Professionalism • Attitude • Work ethic • Teamwork • Eagerness to learn • Dedication to quality	

3. Identify professional development opportunities in the industry. **10%**

a. Industry trade periodicals
b. Professional organizations
   - Purpose
   - Benefits

4. Identify and locate facilities and services. **10%**

a. Physical layout
b. Available services

5. Discuss personal and professional health **20%**

a. Rest
b. Exercise
c. Nutrition
d. Relaxation
e. Personal hygiene

6. Describe professional image **20%**

a. Physical presentation
   - Posture
   - Sitting technique
b. Personality
   - Emotional control
   - Positive approach
   - Manners
   - Rapport

7. Discuss ethics. **20%**

a. Personal

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Unit: A2 Client Service: Pre-service/Post-service

Duration: 20 hours
Theory: 15 hours
Practical: 5 hours

Overview:

This unit is designed to cover the pre-service/post-service provided by an Esthetician (Nail Technician and Skin Care Technician) and Electrologist on clients.

Objectives and Content: **Percent of Unit Mark (%)**

1. **Discuss preparation of client for services.** **90%**
   a. Greeting clients
      - Introduction
      - Assistance
   b. Client consultation
      - Client's instructions
      - Client's well-being
   c. Removal of personal accessories and/or clothing
      - Safety storage
      - Liability issues
   d. Preparation procedures
      - Seating
      - Draping
      - Removal of accessories
      - Positioning of client
      - Preventing damage to client's clothing
      - Adjusting chair
   e. Client's needs
      - Climate of trust
      - Client's lifestyle preferences, well-being, time and skill required for home maintenance
      - Availability of tools and products for home maintenance and affordability
      - Duration of time for treatment
      - Assess any physical disability problem for home maintenance
      - Ascertain exact nature of service requested by client
      - Inform pregnant and or those on medication of side effects of various chemical products
   f. Analysis of treatment area
   g. Recommendation of treatment or service
      - Results of analyses

2. **Discuss and practice procedures for performing an allergy test.** **10%**

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Unit: A3 Retail and Salon Management

Duration: 16 hours
Theory: 8 hours
Practical: 8 hours

Overview:

This unit is designed to provide the apprentice with knowledge of retail and salon management. Topics covered include retail marketing techniques, booking for a salon, record keeping, telephone etiquette, communication and inventory control.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Describe retail marketing techniques.	**10%**
a. Product and service knowledge • Features • Benefits b. Client needs and wants • Special problem • Client's lifestyle • Special occasion c. Product and service presentation • Displays • Promotional and window dressings d. Demonstrating and recommending products e. Pricing products • Pricing system • Mark up/mark down f. Advertising g. Sales trends	
2. Discuss booking for a salon and record keeping.	**20%**
a. Personal information • The 'Freedom of Information and Protection of Privacy Act' b. Medical information c. Record treatment d. Signature for verification • Release statement • Liabilities and insurance limitations e. Recording of reaction to treatment	
3. Discuss telephone etiquette.	**20%**

4. Describe good human relations and professional attitude. **20%**

a. Greeting clients
b. Offer assistance
c. Handle client concerns

5. Discuss qualities of effective communications. **20%**

a. Verbal
b. Non-verbal
    - Facial expression
    - Body language
    - Gesture
    - Movements
    - Eye contact and distance
c. Cross-cultural communication
d. Written
    - Record date on record card
    - Computer data file

6. Discuss recording of daily intake. **5%**

a. Working hours
    - Timesheet
b. Tally sales slips

7. Describe inventory control. **5%**

a. Order supplies and products
b. Count/check delivery slips and verify invoices
c. Receive stock
d. Delete products sold
e. Restock new products
f. Rotate/expire date

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Unit: A4 Anatomy and Physiology

Duration: 30 hours
Theory: 30 hours
Practical: 0 hours

Overview:

This unit is designed to provide the apprentice with knowledge of anatomy and physiology of the human body. It is important for an Esthetician/Electrologist to understand the function of the systems of the body and to have knowledge of the structures of those areas upon which salon treatments are given.

Objectives and Content:		**Percent of Unit Mark (%)**
1.	**Define anatomy and physiology.**	**5%**
2.	**List and describe the various systems of the body.**	**5%**
3.	**Describe the skeletal system.**	**10%**
4.	**Describe the muscular system.**	**10%**
5.	**Describe the divisions of the nervous system and how they function.**	**10%**
6.	**Describe the digestive system.**	**10%**
7.	**Describe the respiratory system.**	**10%**
8.	**Describe the circulatory (vascular) system.**	**10%**
9.	**Describe the excretory system, its function and the main diseases of the system.**	**10%**
10.	**Describe the integumentary system.**	**10%**
11.	**Describe the glandular system.**	**10%**

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Generic Introduction to Electrologist

Unit: A5 New Trends

Duration: 6 hours
Theory: 3 hours
Practical: 3 hours

Overview:

This unit is designed to provide general skills and knowledge required to be current in the esthetician/electrologist industry. These skills will become the foundation for further learning of new trends, which likely will be necessary to estheticians and electrologists throughout their careers as 21st century tradespeople.

Objectives and Content:	Percent of Unit Mark (%)
1. Define trends.	**25%**
2. Discuss trends from the past.	**25%**
3. Identify new trends in the industry.	**25%**
4. Begin preparing a resume and portfolio.	**25%**

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Generic Introduction to Electrologist

Unit: B1 Safety in the Workplace

Duration: 14 hours
Theory: 10 hours
Practical: 4 hours

Overview:

This unit is designed to cover an understanding of the principles of safety in the workplace. This will provide the apprentice with the skills and knowledge to work safely in a salon.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss safety regulations and health standards.	**25%**
a. National regulations	
b. Provincial regulations	
• Public hygiene	
• Special needs	
c. Local regulations	
2. Discuss occupational health hazards for esthetician/electrologist and client and methods of prevention.	**25%**
a. Accidents	
• Falls	
• Cuts	
• Electric shocks	
• Toxic fumes and spills	
• Infectious diseases	
• Burns	
b. Emergency and planning procedures	
• Emergency contacts	
• Emergency equipment	
c. Posture	
• Standing	
• Stooping	
• Sitting	
• Lifting	
d. Environmental contamination	
• Disposal of waste products	
• Recycling	
• Cleaning products	
• Chemical products and waste	

e. Equipment and tools
   - Table and chair operation
   - Canadian Standards Association
   - Maintenance

f. Personal Protective clothing
   - Eye and hand protection
   - Vapour/fume mask
   - Draping clients

g. Warning signage

h. Safety committees
   - Workshops and seminars
   - Safety related documents
   - Promotion

i. Storage of tools and products

j. Safety inspections and reporting of accidents

k. Hazards to children in salon

l. Level of noise

m Food and beverages

n. Ventilation

3. Discuss potential hazards in working a salon **25%**

4. Discuss and practice fire prevention and fire fighting procedures. **15%**

a. Classes of fires and fire extinguishers (A, B, and C)

b. Location of fire extinguishers and fire exits

c. Clothing ignition

d. Sprinkler systems

e. Storage and handling of flammable liquids and materials, gases and dusts
   - Chemical products

f. Evacuation procedures
   - Fire alarms and drills
   - Obstacle-free emergency exit
   - Emergency evacuation plan and procedure

g. Safety devices
   - Fire detectors

h. Fire safety records

5. Discuss drug and alcohol safety regulations **10%**

a. Rights and obligations of worker

b. Effects of drugs and alcohol on human performance

c. Reporting of deviant behaviour

d. Handling clients under the influence of drugs and alcohol

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Unit: B2 Hygiene, Bacteriology and Sterilization

Duration: 30 hours
Theory: 20 hours
Practical: 10 hours

Overview:

This unit is designed to provide the apprentice with the knowledge of hygiene, bacteriology and sterilization and the ability to control infection and disease in a salon. Housekeeping duties will also be covered.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Describe good hygiene practices.	**10%**
2. Identify bacteriology and the related diseases and disorders. a. Infectious agents • Parasite • Virus • Fungus b. Active and inactive stages c. Condition favourable to the growth of bacteria d. Methods of prevention e. Defense system	**10%**
3. Describe the procedure for sanitizing hands.	**10%**
4. Describe methods of sterilization and sanitation. a. Physical agents • Moist heat • Dry heat • Ultraviolet rays • Autoclave b. Chemical agents • Antiseptics • Disinfectants • Fumigants	**20%**
5. Discuss sanitation and sterilization process of tools and equipment.	**20%**
6. Practice sanitizing and sterilizing tools, equipment and other supplies.	**20%**

7. Describe guidelines to maintain a clean and orderly work area. 10%

a. Tasks
- Waste disposal
- Sort waste products for recycling
- Floor clean, dry and free from obstacles
- Storing tools and products
- Clean chair, counter, trays, tables
- Sanitizing towels, capes, smocks
- Implements sanitized
- Inspection of workstation
- Inspection of tools and equipment

b. Cleaning products and equipment

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Unit: B3 WHMIS, First Aid and CPR

Duration: 10 hours
Theory: 6 hours
Practical: 4 hours

Overview:

As a requirement for the successful completion of the technical training component for Esthetician/Electrologist, apprentices need to be are of WHMIS, First Aid and CPR. Certificates from recognized and approved training providers are an option for the completion of this unit.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Examine the responsibilities and duties of the first aid person a. Diagnoses • Respiratory failure • Burns • Body of injury	**8%**
2. Explain artificial respiration. a. Freeing the victim of breathing restrictions b. Mouth-to-mouth respiration	**8%**
3. Explain emergency treatment. a. Procedures • Assessing injury • Moving the patient • Arresting bleeding	**8%**
4. Explain the procedure for treating burns. a. Types of burns • Heat (dry, moist, friction) • Corrosive chemical • Electric current • Radiation (sun rays, radioactive materials) b. First aid for different types of burns	**8%**
5. Describe first aid procedures for various chemicals found in a salon a. Inhalation b. Skin contact c. Ingestion	**8%**

6. Explain and demonstrate basic rescue CPR **10%**

a. Cardiovascular disease
b. Cardiovascular emergencies (severe angina, heart attack, cardiac arrest, etc.)
c. Signs and symptoms
d. Responses to emergencies

WHMIS

1. Describe what WHMIS is, its rationale and major elements **10%**

2. Define what is meant by a WHMIS label and distinguish between supplier and workplace labels and other means of identification. **8%**

3. Describe what is meant by the following classifications: **8%**

a. Prohibited product
b. Restricted product
c. Controlled product

4. Explain what a Material Safety Data Sheet (MSDS) is, its purpose and limitations. **8%**

5. Describe the roles and responsibilities of employer, supplier and the worker in the education of workers. **8%**

6. Other subject areas as deemed appropriate and deliverable by the instructor. **8%**

Apprenticeship Manitoba

Electrologist

Unit: J1 Introduction to Electrologist

Duration: 5 hours
Theory: 5 hours
Practical: 0 hours

Overview:

This unit is designed to cover an understanding of key concepts in the electrologist industry including a brief history of electrology. The apprentice will be introduced to the basic skills and requirements performed by an Electrologist and examine career opportunities. Also, the services provided by an Electrologist and the time evaluation for various treatments will be discussed.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss the history of electrology.	**10%**
a. History of electrology • Social implications • Origin b. Electrolysis c. Thermolysis d. Blend	
2. Discuss the basic skills and requirements performed by the Electrologist.	**25%**
a. Nature of electrolysis treatment b. Skills required to perform electrolysis treatment c. Process leading to professional qualification d. Personal qualities for services careers	
3. Identify electrolysis terms used for services.	**25%**
4. Describe Electrologist career opportunities.	**10%**
a. Skin Care Technicians, Nail Technicians and Hair Stylists as partners b. Self employment (opening or managing a business) c. Education opportunities d. Beauty-related occupations	
5. Describe time evaluation for various treatments	**20%**
6. Describe the different associations for electrolysis and benefits of membership.	**10%**

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Electrologist

Unit: J2 Tools and Equipment

Duration: 7 hours
Theory: 2 hours
Practical: 5 hours

Overview:

This unit is designed to provide the apprentice with the knowledge of tools and equipment used by an Electrologist, and the ability to care for, sanitize and sterilize the tools and equipment.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss the kinds of electrology equipment.	**5%**
2. Define and identify various parts of the electrolysis machine. a. Rectifier b. Filter c. Oscillator d. Rheostat	**5%**
3. Discuss the disposable filament (probe or electrode). a. Filament (needle) types • Bulbous filament • Insulated filament • Two-piece filament • Tapered filament/single shaft construction • Gold filament b. Purpose • Probe • Electrode c. Comparison of • Galvanic current • High frequency current d. Proper use e. Benefits of using disposable filaments	**10%**
4. Discuss and demonstrate the proper care for the common tools and equipment used in electrology. a. Maintenance requirements and inspection of tools and equipment • Tagging of defective equipment b. Sharps containers for disposal of sharp-edged objects c. General and specific safety practices and regulations for common hand/electric tools	**20%**

d. Operation of the equipment
   - Manufacturers' instructions

e. Placement of tools and equipment
   - Effectiveness
   - Efficiency

5. Discuss and demonstrate the sanitation process of equipment. 20%

a. Washing implements
b. Sanitizing products
c. Sanitation aspects regarding the use of equipment

6. Discuss and demonstrate the sterilization process for metal equipment. 20%

a. Sterilization techniques
b. Storage of sterilized metal equipment
c. Dry heat, autoclave and chemical

7. Discuss the procedures for safety in electrolysis. 20%

a. Potential hazards relating to client/patient
b. Safety precautions relating to client/patient and Electrologist
   - Electrical equipment
   - Filament/probe/electrode
   - Sanitation/sterilization
   - Protective clothing (masks, gloves)

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Electrologist

Unit: J3 Principle of Electricity and Equipment

Duration: 6 hours
Theory: 6 hours
Practical: 0 hours

Overview:

This unit is designed to provide the apprentice with the knowledge of the principles of electricity and the different methods of removing hair permanently (electrolysis, thermolysis, and the blend). The filament and selection of appropriate current will also be discussed.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss electrical currents.	**10%**
a. Polarity b. Electron flow c. Basic electricity d. Measurement of electricity • Coulomb • Ampere • Volt • Ohm • Watt e. Milliamperemeter f. Galvanic current, high frequency current g. Function of negative and positive reaction (current)	
2. Describe electrolysis.	**15%**
a. Theory and procedure of galvanic action b. Moisture gradient • Galvanic treatment c. Polarity d. Filament • Depth • Diameter e. Catophoresis and anaphoresis	
3. Describe thermolysis.	**15%**
a. Theory and procedure of high frequency current b. Tissue destruction • Electro-desiccation • Electro-coagulation c. Intensity of heat pattern on various sizes of filaments	

d. Effects of moisture gradient of skin
e. Effects of varying electrode diameters
f. Difference between manual and automatic (flash) technique
g. Problems which may occur on a distorted follicle
h. Procedures
    - Flash technique
    - Manual technique
i. Working point

4. Describe the blend method. 15%

a. Effect on hair
b. Application
    - Balance of currents
    - Sequence of currents
    - Time factor
    - Lye quantity factor
c. Galvanic after-count
d. Progressive epilation
e. Treating various hair patterns

5. Review the filament (probe or electrode). 15%

a. History of filament types
b. Types of filaments
c. Metals used in filaments
d. Filament as a probe
    - Diameter
    - Tip
    - Length
e. Filament as an electrode
    - Length
    - Diameter
    - Shape
f. Comparison of straight and tapered filaments
    - With galvanic current
    - High frequency current
g. Benefits of using disposable filaments

6. Discuss choosing the correct filament. 15%

7. Discuss the selection of appropriate current. 15%

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Electrologist

Unit: J4 Trends

Duration: 2 hours
Theory: 1 hours
Practical: 1 hours

Overview:

This unit is designed to provide the apprentice with the knowledge required to be current in the electrology industry. This will become the foundation for further learning of new trends which will likely be necessary in the careers of 21st century tradespeople.

Objectives and Content:	Percent of Unit Mark (%)
1. Define and discuss trends from the past.	**25%**
2. Identify new trends in the electrology industry.	**25%**
3. Complete a project/portfolio using instructor's guidelines.	**25%**
4. Practice new trends in the electrology industry on model.	**25%**

Apprenticeship Manitoba

Electrologist

Unit: J5 Provincial Certification Review

Duration: 4 hours
Theory: 2 hours
Practical: 2 hours

Overview:

This unit offers apprentices a review of skills and knowledge required to pass the Provincial Electrologist Practical and Theory examinations.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss format and general content of Electrologist Provincial Examination. a. Provincial Occupational Analysis (POA) • POA "Pie Chart" and its relationship to content distribution of Examination items.	**15%**
2. Identify resources, strategies and other considerations for maximizing successful completion of written exams. a. Personal preparedness • Rest • Nutrition • Personal study regimen • Prior experience in test situations (e.g. Unit Tests) b. Self-assessment, consultation and personal study plan • Self-assessment of individual strengths/weaknesses in trade-related skills and knowledge • Approved textbooks • Study groups	**15%**
3. Review program content regarding safety and sanitation.	**14%**
4. Review program content regarding records management.	**14%**
5. Review program content regarding retail and salon management functions.	**14%**
6. Review program content regarding basic job skills.	**14%**
7. Review program content regarding electrolysis treatments.	**14%**

Apprenticeship Manitoba

Electrologist

Unit: K1 Skin Dermatology and Histology

Duration: 30 hours
Theory: 30 hours
Practical: 0 hours

Overview:

This unit is designed to provide the apprentice with knowledge of skin dermatology and histology. Topics include characteristics of the skin, skin lesions, skin disorders and imperfections, skin inflammations and hypertrophies of the skin.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Describe different skin characteristics. a. Sensitive b. Average c. Insensitive d. Soft-firm e. Thin-thick f. Moist-dry g. Oily-not oily h. Aged i. Acne	**10%**
2. Discuss the histology and pathology of this skin. a. Main skin divisions b. Functions of skin c. Strata or layers of the epidermis d. Nourishment of the skin e. Nerves of the skin f. Colour of the skin g. Elasticity and pliability of the skin h. Skin glands and their disorders i. Cause of increased activity of the sweat gland j. Areas where hirsutism is very common on a female k. Tissues	**10%**
3. Define dermatology.	**5%**
4. Describe skin lesions.	**5%**

5. Define and discuss skin disorders and imperfections. 15%

a. Clogged pore
b. Comedone and milia
c. Acne
d. Simplex
e. Vulgaris
f. Rosacea
g. Abnormal pigmentation

6. Describe various related skin inflammations. 10%

7. Describe various related parasitic diseases. 10%

8. Define various related skin diseases where electrolysis treatment must not be administered. 10%

9. Describe various related hypertrophies of the skin. 10%

10. Define the stages of cell division. 5%

11. Discuss tissues/cells/organs. 10%

a. Physiology of cells
b. Four main kinds of tissue
   - Epithelium
   - Connective
   - Muscular
   - Nerve
c. Organs of the skin
d. Deoxyribonucleic Acid (DNA)
e. Effect of the sun
   - Skin
   - Hair

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Electrologist

Unit: K2 Hair Structure and Analysis

Duration: 35 hours
Theory: 30 hours
Practical: 5 hours

Overview:

This unit is designed to provide the apprentice with knowledge of hair structure and analysis. Topics include hair growth, shapes and reproduction, hair chemistry, performing an examination and analysis, using antiseptics and epilation.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss hair growth, shapes and reproduction.	**10%**

a. Function
- Adornment
- Protection

b. Types
- Lanugo
- Terminal
- Straight
- Curly
- Wavy

c. Life span of hair on various areas of the body

d. Hair growth
- Puberty
- Pregnancy
- Menopause

e. Stages of growth
- Anagen
- Catagen
- Telogen

f. Structure of pilosebeous unit
- Follicle
- Root
- Hair bulb
- Shaft
- Papilla

g. Distortion of hair follicle
- Natural
- Man-made

h. Multiple hair grown from one hair follicle

2.	**Discuss hair chemistry.**	**5%**
3.	**Describe and demonstrate how to perform an examination and analysis.** a. Characteristics of the skin b. Sensitivity level c. Allergies d. Texture of hair e. Previously removed hair f. Virgin hair g. Unusual hair growth	**10%**
4.	**Discuss the effects of antiseptics for preventing infections and demonstrate their application.**	**5%**
5.	**Describe how to hold a probe and forceps (tweezers).**	**5%**
6.	**Describe insertion into a follicle.**	**10%**
7.	**Describe and demonstrate the angle of inclination.**	**5%**
8.	**Describe the use of magnifying devices during the examination and insertion.**	**5%**
9.	**Describe the hints used for making good insertion.**	**5%**
10.	**Describe establishing a depth gauge.**	**5%**
11.	**Describe a correct epilation.**	**5%**
12.	**Describe conditions of hair.**	**5%**
13.	**Describe the cycle, cause and computing rate for re-growth.**	**15%**
14.	**Describe the scheduling according to re-growth.**	**5%**
15.	**Discuss the necessity for communicating the facets of re-growth to the client.**	**5%**

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Unit: K3 Hair Problems

Duration: 26 hours
Theory: 26 hours
Practical: 0 hours

Overview:

This unit is designed to provide the apprentice with knowledge of hair problems that may affect electrolysis treatments. Topics include glands, new hair growth, congenital patterns, topical causes, systemic causes and the endocrine system in connection with hormonal changes.

Objectives and Content:	Percent of Unit Mark (%)
1. Describe the glands associated with hair, their function and related problems.	**25%**
2. Describe stimulation of new hair growth.	**5%**
3. Define congenital patterns.	**15%**
4. Define topical causes.	**15%**
5. Define systemic causes and their changes.	**15%**
6. Describe the endocrine system in connection with hormonal changes. a. Puberty b. Pregnancy c. Menopause d. Inherited-glandular defect e. Acquired-disease or infection f. Surgical/medical changes • Removal of sex glands • Facial growth • Artificial menopause g. Emotional changes • Severe crisis • stress	**25%**

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Unit: L1 Pre-epilation Treatment

Duration: 8 hours
Theory: 4 hours
Practical: 4 hours

Overview:

This unit is designed to provide the apprentice with knowledge and ability to provide the pre-epilation treatment to a client. Topics include the preparation process of hair removal, products, application of antiseptics, allergy tests, recommendation of treatments and products, anaphoresis and client consultation.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss the preparation process of hair removal.	**10%**
a. Areas of face and body conducive of safe application of permanent hair removal b. Preparation of treatment area and equipment • Set-up of chair/table, equipment • Sanitizing of area and sterilization of instruments • Product/implements needed • Protective clothing c. Positioning and draping of client d. Preparation and sanitization of the clients' skin prior to treatment e. Proper lighting requirements	
2. Demonstrate the proper preparation procedures for hair removal.	**10%**
a. Preparation of different treatments • Electrolysis • Thermolysis • Blend b. Preparation of treatment area and equipment • Set-up of chair/table, equipment • Sanitizing of area • Sterilization of instruments • Product/implements needed • Protective clothing c. Positioning and draping of client d. Preparation and sanitization of the client's skin prior to treatment e. Epilation using forceps (used as depth guide) f. Insertion of needle plus setting of the current and intensity g. Appearance of skin during and after electrolysis treatments	
3. Discuss the different product lines available.	**5%**

4.	**Demonstrate proper application of antiseptics.**	**5%**
5.	**Demonstrate proper application of antiseptics.**	**5%**
6.	**Demonstrate how to analyze test results.**	**5%**
7.	**Demonstrate the recommendation of treatments and products to clients.**	**10%**
8.	**Demonstrate the selection of correct filament size.**	**10%**
9.	**Discuss the types of currents.**	**10%**
10.	**Demonstrate how to operate the equipment.**	**10%**
11.	**Describe and demonstrate how to perform anaphoresis.**	**10%**
12.	**Demonstrate a client consultation.**	**10%**

Apprenticeship Manitoba

Electrologist

Unit: L2 Electrolysis, Thermolysis and Blend

Duration: 233 hours
Theory: 13 hours
Practical: 220 hours

Overview:

This unit is designed to provide the apprentice with knowledge and ability to perform electrolysis, thermolysis and the blend method on a client. Topics include modalities, operating equipment, insertion of filaments, positioning client, work patter, bruising, eyebrow shaping and non-verbal feedback.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss the use of various modalities. a. Selection b. Application	**10%**
2. Demonstrate how to operate the equipment according to manufacturers' instructions.	**10%**
3. Demonstrate maintaining sterilization while inserting filaments into probe holder. a. Filament contamination	**5%**
4. Demonstrate the insertion of the filaments into their hair follicle. a. Hair growth b. Location of natural direction of hair growth	**10%**
5. Demonstrate the proper disposal of filaments safely.	**5%**
6. Demonstrate client/patient position and draping during treatment of the different areas. a. Upper and lower lips b. Chin, under chin and throat c. Side face d. Eyebrows e. Ears f. Underarms g. Back and shoulders h. Chest and breast i. Legs j. Nape of neck k. Hairline	**10%**

7. Demonstrate the suggested work patter on the specific treatment areas. 10%

a. Upper and lower lip
   - Thermolysis

b. Chin, under chin, and throat
   - Electrolysis
   - Thermolysis
   - Blend

c. Side face
   - Thermolysis
   - Blend

d. Eyebrows
   - Thermolysis
   - Blend

e. Ears
   - Blend

f. Underarms
   - Blend
   - Thermolysis
   - Blend

g. Back and shoulders
   - Electrolysis
   - Thermolysis
   - Blend

h. Chest and breasts
   - Blend

i. Legs and bikini
   - Blend
   - Thermolysis

j. Nape of neck
   - Blend
   - Hairline
   - Blend

8. Discuss bruising marks. 10%

a. Reason for appearance
b. Avoidance

9. Describe correct shaping of eyebrows. 10%

a. Shape of faces
b. High forehead
c. Low forehead
d. Wide-set eyes
e. Close-set eyes

10. Describe and demonstrate eyebrow shaping. 10%

a. Shapes
   - Angular
   - Arched
   - Natural
   - Oblique
   - Straight

b. Beginning
c. Ending

d. Highpoint of arch
e. Width of eyebrows
    - Thin
    - Medium
    - Thick

11. Discuss client's non-verbal feedback. 10%

Apprenticeship Manitoba

Electrologist

Unit: L3 Post-Epilation Treatment

Duration: 4 hours
Theory: 2 hours
Practical: 2 hours

Overview:

This unit is designed to provide the apprentice with knowledge and ability to perform the post-epilation treatment on a client. Topics include post-treatment products, cataphoresis, over-treatment, home care instructions and safety and hygiene rules for all treatment procedures.

Objectives and Content:	**Percent of Unit Mark (%)**
1. Discuss the different post-treatment products.	**15%**
2. Demonstrate the selection and application of post-treatment products	**10%**
3. Describe the post-treatment of the different treatment areas.	**10%**
4. Discuss and demonstrate how to perform cataphoresis. a. Purpose b. Procedure c. Infectious diseases d. Contamination	**10%**
5. Describe the effects of over-treatment.	**20%**
6. Describe and suggest special home care instructions for the healing process and to avoid infections.	**20%**
7. Demonstrate safety and hygiene rules during all general treatment procedures.	**15%**