

TRANSITION TOOLS

Milady's Standard Professional Barbering, 6th ed. (printed in 2017)

Milady's Standard Professional Barbering, 5th ed. (printed in 2010)

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<i>Milady's Standard Professional Barbering, 2017 ed.</i>	<i>Milady's Standard Professional Barbering, 2010 ed.</i>	Synopsis of Chapters
Part 1: Orientation to Barbering		
<p>Chapter 1: The History of Barbering Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss the evolution of barbering and the origin of the word <i>barber</i>. 2. Describe the practices of barber-surgeons and the meaning behind the barber pole. 3. Identify the organizations responsible for advancing the barbering profession and explain the function of state barber boards. 4. Recognize the resurgence of barbering in the twenty-first century and the wealth of opportunities available to the new barber. 	<p>Chapter 2: The History of Barbering Learning Objectives:</p> <ol style="list-style-type: none"> 1. Define the origin of the word <i>barber</i>. 2. Discuss the evolution of barbering. 3. Describe the barber-surgeons and their practices. 4. Explain the origin of the barber pole. 5. Identify some organizations responsible for upgrading the barbering profession. 6. Explain the importance and function of state barber boards. 	<p>2017: In this new edition, the former Chapter 2 is now Chapter 1. This chapter closely parallels the 2010 edition but streamlines much of the historical information with a focus on why today's barbers should be familiar with barbering history. A new section explores the resurgence of barbering in the twenty-first century and the wealth of opportunities available to the new barber. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Chapter 2: Life Skills Learning Objectives:</p> <ol style="list-style-type: none"> 1. List the life skills to put into action. 2. List the principles that contribute to personal and professional success. 3. Create a mission statement. 4. Explain long-term and short-term goals. 5. Discuss the most effective ways to manage time. 6. Demonstrate good study habits. 7. Define ethics. 8. List the characteristics of a healthy, positive attitude. 	<p>Chapter 1: Study Skills Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss study skills that can enhance your understanding of new information. 2. Discuss methods for mind-mapping a topic. 3. Identify the four steps of the writing process. 4. Identify your preferred learning style. 5. Discuss effective study habits. 	<p>2017: Chapter 2 combines content from Chapters 1 and 3 of the 2010 edition with brand new content. Revised content from 2010 includes learning tools, study habits, memory aids, organization, and note taking from the former Chapter 1 and professional ethics, principles of personal and professional success, motivation and self-management, goal setting, and time-management from the former Chapter 3. New content includes an overview of life skills, action steps to achieving success, and how to create a personal mission statement. The chapter includes updated review questions and key terms, as well as new/updated figures to match the new or revised content.</p>

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<p>Chapter 3: Professional Image</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Name four important personal hygiene habits. 2. Explain the concept of dressing for success. 3. Practice ergonomically correct movement, postures, and principles. 4. Demonstrate an understanding of human relations and communication skills. 	<p>Chapter 3: Professional Image</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Define professional image. 2. Discuss the ways in which life skills, values, and beliefs influence your professional image. 3. Explain the relationship between personality and attitudes and the demonstration of professional behavior. 4. List the guidelines to maintaining personal and professional health. 5. Demonstrate an understanding of effective human relations and communication skills. 6. List the qualities of professional ethics. 7. Discuss the basic principles of personal and professional success. 8. Explain the concepts of motivation and self-management. 9. Create short-term and long-term goals. 10. Discuss time-management skills. 	<p>2017: Chapter 3 has been extensively updated from the 2010 edition. New content includes a focus on the importance of maintaining a professional image through personal hygiene, dressing, and grooming; employing proper ergonomics; and using social media to establish a professional online image. New artwork and review questions have been added to reflect these changes. Content related to values, attitude, goal setting, motivation, self-management, and time management is now in Chapter 2.</p>
Part 2: General Sciences		
<p>Chapter 4: Infection Control: Principles and Practices</p> <p>Learning Objectives</p> <ol style="list-style-type: none"> 1. Discuss federal and state agencies that regulate the practice of barbering. 2. List the types and classifications of bacteria. 3. Define bloodborne pathogens and explain how they are transmitted. 4. Explain the differences between cleaning, disinfecting, and sterilizing. 5. Identify types of disinfectants and antiseptics appropriate for use in barbershops. 6. Discuss Standard Precautions and explain procedures for handling an exposure incident. 7. Discuss safe work practices that help prevent accidents and injuries. 8. List your responsibilities as a professional barber. 	<p>Chapter 4: Bacteriology</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify the two types of bacteria. 2. Identify the classifications of pathogenic bacteria. 3. Describe the growth and reproduction of bacteria. 4. Explain how bloodborne pathogens may be transmitted. 5. Understand the differences between bacterial and viral infections. 6. Discuss hepatitis transmission and prevention. 7. Discuss HIV/AIDS transmission and prevention. 8. Discuss plant and animal parasites. 9. Understand immunity and related terms. 	<p>2017: This revised chapter combines content from Chapter 4, Bacteriology, and Chapter 5, Infection Control and Safe Work Practices, from the 2010 edition in one succinct, updated chapter. The chapter begins by clarifying the meaning of the terms cleaning, sanitizing, disinfecting, and sterilizing. It then presents federal and state agencies that regulate the practice of barbering, including Safety Data Sheets, before moving into the principles of infection, which includes bacterial and viral infections as well as the differences between a contagious and communicable disease. The chapter then introduces biofilms before moving into sections on bloodborne pathogens (including hepatitis and HIV/AIDS), fungi, parasites, and immunity. The chapter then presents steps for preventing the spread of disease, types of disinfectants and their safe use, and Standard Precautions. The second half of the chapter covers safe work practices and safety precautions, with four step-by-step procedures related to cleaning and disinfecting equipment, handwashing, and handling an exposure incident. The chapter includes updated review questions and key terms as well as new/ updated figures to match the new or revised content.</p>

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<p>Chapter 4: Infection Control: Principles and Practices Learning Objectives</p> <ol style="list-style-type: none"> 1. Discuss federal and state agencies that regulate the practice of barbering. 2. List the types and classifications of bacteria. 3. Define bloodborne pathogens and explain how they are transmitted. 4. Explain the differences between cleaning, disinfecting, and sterilizing. 5. Identify types of disinfectants and antiseptics appropriate for use in barbershops. 6. Discuss Standard Precautions and explain procedures for handling an exposure incident. 7. Discuss safe work practices that help prevent accidents and injuries. 8. List your responsibilities as a professional barber. 	<p>Chapter 5: Infection Control and Safe Work Practices Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss the ways in which infectious materials may be transmitted in the barbershop. 2. Understand the reasons for maintaining an MSDS notebook. 3. Discuss federal and state agencies associated with infection control and safe work practices. 4. Define decontamination and list three levels used for the prevention and control of pathogen transmission. 5. Identify the chemical decontamination agents most commonly used in barbershops. 6. Demonstrate proper decontamination procedures for tools, equipment, and surfaces. 7. Discuss Standard Precautions and blood-spill disinfection. 8. Discuss disinfecting rules, decontamination safety precautions, and rules of sanitation. 9. Define safe work practices. 10. Recognize potential safety hazards in the barbershop. 	<p>2017: As discussed previously, what was formerly Chapter 5 has been moved into an expanded version of Chapter 4.</p>
<p>Chapter 5: Implements, Tools, and Equipment Learning Objectives:</p> <ol style="list-style-type: none"> 1. List the principal tools of the trade used in barbering. 2. Describe when to use different combs and brushes. 3. Discuss and identify the types of haircutting shears. 4. Identify the parts of haircutting shears. 5. Show how to properly hold shears for haircutting. 6. Show how to palm the shears and comb. 7. Describe two types of clippers. 8. Identify the main parts of a clipper. 9. Show different ways to hold clippers for haircutting. 10. Name two types of straight razors. 11. Identify the different parts of a straight razor. 12. Show how to hold a straight razor for shaving, honing, and stropping. 13. Show how to hold a straight razor for haircutting. 14. Describe the functions of hones and strops. 15. Show how to hone and strop a conventional blade straight razor. 16. Identify the types of equipment and supplies used in barbering. 17. Identify ways to remove hairclippings. 18. Show how to perform two towel-wrapping methods. 	<p>Chapter 6: Implements, Tools, and Equipment Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify the principal tools and implements used in the practice of barbering. 2. Identify the parts of shears, clippers, and razors. 3. Demonstrate the correct techniques for holding combs, shears, clippers, and razors. 4. Demonstrate honing and stropping techniques. 	<p>2017: This chapter was Chapter 6 in the 2010 edition. The new chapter has been heavily revised for improved organization and clarity. New content includes a discussion of combs and brushes along with separate expanded sections on haircutting shears, clippers and outliners, and how to remove hair clippings. Information on other barbering equipment and supplies now appears in an expanded section at the end of the chapter. The chapter includes more learning objectives; updated review questions and key terms; and new/updated photos, figures, and tables to match the new or revised content. Full procedures include honing the razor, stropping the razor, towel wraps, and manipulating curling irons.</p>

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<p>Chapter 6: General Anatomy and Physiology</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Define and explain the importance of anatomy, physiology, and histology to the barbering profession. 2. Describe cells, their structure, and their reproduction. 3. Identify and define the types of tissues found in the body. 4. Define organs and body systems. 5. Name the main body systems and explain their basic functions. 	<p>Chapter 7: Anatomy and Physiology</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain the importance of anatomy and physiology to the barbering profession. 2. Describe the structure and reproduction of cells. 3. Describe the structure of the skull, face, and neck and their relationship to barbering. 4. Identify important muscles of the head, face, and neck that relate to barbering services. 5. Identify important nerves of the head, face, and neck that relate to barbering services. 	<p>2017: This chapter was Chapter 7 in the 2010 edition. The content in this edition parallels the information contained within the 2010 version, with updates and revisions. The chapter now includes additional subheads to make content easier to locate, particularly within the sections on individual muscles and individual nerves. In addition to numerous updates, new content includes a review of the integumentary system and expanded coverage of the reproductive system. Content that has been deleted from this chapter includes sections on cell metabolism and catabolism; nerve stimulation; blood circulation; blood composition; and the digestive, excretory, and respiratory systems. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Chapter 7: Basics of Chemistry</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Define <i>organic</i> and inorganic chemistry. 2. Define the properties of matter. 3. Discuss the physical and chemical properties of <i>matter</i>. 4. Explain oxidation-reduction reactions. 5. Describe emulsions, suspensions, and solutions. 6. Define <i>pH</i> and describe the pH scale. 7. Explain how product pH levels affect the hair and skin. 8. Name nine types of shampoos. 9. List four classifications of conditioners. 10. Recognize other cosmetic preparations used in barbering services. 	<p>Chapter 8: Chemistry</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Define organic and inorganic chemistry. 2. Define matter and its states. 3. Define pH and understand the pH scale. 4. Explain the characteristics of emulsions, suspensions, and solutions. 5. Understand how the pH levels of hair products affect the hair and scalp. 6. Discuss cosmetic preparations used in barbering including shampoos, conditioners, rinses, and tonics. 	<p>2017: This chapter was Chapter 8 in the 2010 edition. This edition stresses the importance of following manufacturers' instructions for product use and making informed decisions about product choices. The chapter contains updated or expanded coverage of elements, atoms, and molecules and the physical and chemical properties of matter; definitions of pure substances and mixtures; definitions of solutions, and oxidation-reduction reactions; how to identify chemical compounds and surfactants; the properties of water and pH; and chemical ingredients used in hair and skin products. It also includes new sections on exothermic and endothermic reactions, additional shampoo types, additional conditioner types, and styling aids. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Chapter 8: Basics of Electricity</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Define <i>electricity</i>. 2. Define common electrical terms and measurements. 3. Describe electrical safety devices. 4. Examine the modalities a barber might be able to utilize depending on state licensing regulations. 5. Explain the electromagnetic spectrum, visible spectrum of light, and invisible light. 6. Identify devices used in light-therapy treatments. 	<p>Chapter 9: Electricity and Light Therapy</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify and define common electrical terms. 2. Discuss and recognize electrical safety devices. 3. Explain different electrical modalities and their uses. 4. Explain the effects of ultraviolet and infrared rays on the skin. 	<p>2017: This chapter was Chapter 9 in the 2010 edition. The new chapter includes the traditional overview of the use of electricity and light therapy in the barbershop and emphasizes safety precautions associated with electrotherapy devices. The section on electrotherapy has been revised to include only those modalities that might be performed by a licensed barber and includes new content on microcurrent. The section on light energy and light therapy has also been updated and now includes new or updated sections on light therapy, lasers, light-emitting diodes, and therapeutic lamps. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>

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<p>Chapter 9: The Skin—Structure, Disorders, and Diseases</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Describe the structure and divisions of the skin. 2. List the functions of the skin. 3. Identify and describe common primary and secondary skin lesions. 4. Describe common skin inflammations and infections. 5. List and describe disorders of the sebaceous and sudoriferous glands. 6. List and describe types of skin pigmentations. 7. Identify common skin hypertrophies. 8. Identify and describe types of skin cancer. 	<p>Chapter 10: Properties and Disorders of the Skin</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Describe the structure and divisions of the skin. 2. List the functions of the skin. 3. Identify recognizable skin disorders. 	<p>2017: This chapter was Chapter 10 in the 2010 edition. The revised chapter parallels the 2010 edition but includes some reorganization and new subheads for greater clarity. Updated content covers skin color and skin functions (protection, heat regulation); revised definitions for open and closed comedones, milia, acne, and rosacea; and explains how to recognize noncontagious and contagious skin inflammations and infections and skin cancer. Content on primary and secondary skin lesions has been updated and placed in tables. Updated content on pigment disorders and hypertrophies now appears after the section “Disorders of the Sudoriferous Glands.” The chapter also includes new information on seborrheic dermatitis, acne treatment, skin cancer signs, and the use of sunscreen with SPF30. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Chapter 10: Properties and Disorders of the Hair and Scalp</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify and distinguish the different structures of the hair root. 2. Identify and distinguish the three layers of the hair shaft. 3. Identify and explain the three types of side bonds of the cortex. 4. Name and describe the three phases of the hair growth cycle. 5. Identify and define seven types of hair loss. 6. Identify and describe two FDA-approved treatments for hair loss. 7. Identify and define common hair disorders. 8. Define common scalp disorders and identify those requiring medical attention. 9. Identify the factors to be observed and considered during a hair and scalp analysis. 	<p>Chapter 11: Properties and Disorders of the Hair and Scalp</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Name and describe the structures of the hair. 2. List and describe the three layers of the hair shaft. 3. Describe the structure of hair protein. 4. Describe the growth process of hair. 5. List the characteristics of hair important in hair analysis. 6. Identify different types of hair loss and treatments. 7. Identify common scalp disorders. 8. Identify common hair disorders 	<p>2017: This chapter was Chapter 11 in the 2010 edition. The new chapter includes updated content on hair shaft, hair protein, salt bonds, wave patterns, hair types, types and causes of abnormal hair loss, FDA-approved hair loss treatments, and types of dandruff. Some content has also been reorganized for improved flow. For example, content on hair growth cycles now appears before growth patterns; hair disorders appears earlier in the chapter (and follows hair loss treatments), and scalp analysis now appears later in the chapter (and follows the section “How to Recognize Bacterial Infections”). New content on extremely curly hair, myths and facts about hair growth, seven types of hair loss, the emotional impact of hair loss, and lice identification has also been added. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>

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Part 3: The Practice of Barbering		
<p>Chapter 11: Treatment of the Hair and Scalp Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss the benefits of a shampoo service. 2. Select products for different hair types and textures. 3. Describe proper draping procedures for various services. 4. Identify basic considerations for performing a shampoo service. 5. Describe two shampooing methods. 6. Discuss reasons why a client might find fault with a shampoo service. 7. Describe scalp massage manipulations and techniques. 8. Explain services that may be included in a hair or scalp treatment. 	<p>Chapter 12: Treatment of the Hair and Scalp Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify services associated with the treatment of the hair and scalp. 2. Demonstrate proper draping procedures for hair services. 3. Demonstrate the shampoo service. 4. Demonstrate scalp massage techniques and treatments. 	<p>2017: This chapter was Chapter 12 in the 2010 edition. This revised chapter begins with a discussion of the benefits of a shampoo service, is followed by a short review about shampoos and conditioners, and then goes directly into draping techniques, which have been updated to include draping for different types of service. The chapter then reviews the shampoo service, including new content on shampooing clients with special needs and performing a superior service, before discussing scalp massage and treatments. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Chapter 12: Men's Facial Massage and Treatments Learning Objectives:</p> <ol style="list-style-type: none"> 1. List the modalities that affect muscle action. 2. Know the muscles of the scalp, face, and neck. 3. List the modalities that affect nerve responses. 4. Know the main cranial nerve branches of the scalp, face, and neck. 5. Identify arteries and veins affected by facial massage. 6. Describe the physiological effects of massage. 7. Name and describe massage manipulations. 8. Explain the use of facial and electrotherapy equipment. 9. Identify skin types, facial treatments, and products. 	<p>Chapter 13: Men's Facial Massage and Treatments Learning Objectives:</p> <ol style="list-style-type: none"> 1. Describe the benefits of facial massage and treatments. 2. Discuss the location and stimulation of facial muscles. 3. Discuss the location and stimulation of facial nerves. 4. Name and demonstrate massage manipulations. 5. Demonstrate the use of facial treatment equipment. 6. Discuss products used in facial treatments. 7. Identify skin types and appropriate facial treatments and products. 	<p>2017: This chapter was Chapter 13 in the 2010 edition. This revised chapter covers the anatomical features of the face and neck as they relate to massage manipulations and facial treatments. The chapter begins with an updated review of muscles, nerves, and arteries affected by facial massage; some content that was previously included in tables has been integrated into the text. This is followed by updated content on massage theory and manipulations and guidelines for performing facial massage and using facial appliances, including electrotherapy equipment. The chapter concludes with a discussion of skin types, facial treatments, and products. Content on shaving and skin care has been removed, as it appears in Chapter 13. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content. This chapter is presented prior to the "Facial Shave" chapter in order to familiarize students with the physiological structures and angles of the face before they begin shaving.</p>

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<p>Chapter 13: Shaving and Facial-Hair Design</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. List basic guidelines for shaving a client. 2. Identify the 14 shaving areas of the face. 3. Explain what you need to know about razor positions and strokes to perform a shave safely and effectively. 4. Describe the differences between various facial-hair designs. 5. Discuss Infection Control and safety precautions associated with shaving. 6. Demonstrate how to handle a straight razor safely. 7. Demonstrate the freehand, backhand, reverse-freehand, and reverse-backhand positions and strokes. 8. Demonstrate a shave service. 9. Demonstrate a neck shave. 10. Demonstrate a mustache trim. 11. Demonstrate cutting in beard designs. 	<p>Chapter 14: Shaving and Facial Hair Design</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss sanitation and safety precautions associated with straight razor shaving. 2. Demonstrate the ability to perform standard razor-holding positions and cutting strokes with a straight razor. 3. Identify the 14 shaving areas of the face. 4. Demonstrate a facial shave. 5. Demonstrate a neck shave. 6. Demonstrate a beard and mustache and beard trim. 	<p>2017: This chapter was Chapter 14 in the 2010 edition. This updated and revised chapter has been reorganized to begin with shaving guidelines and considerations, including a section on customer satisfaction, the 14 shaving areas, razor positions and strokes, and body positioning. It then describes the professional shave and different types of shaves and facial-hair designs. Information on shaving-related infection control and safety precautions now appears prior to the procedures. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Chapter 14: Men's Haircutting and Styling</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain the importance of the client consultation and consider questions that help you envision the client's desired outcome. 2. Describe anatomical features that influence haircutting and styling. 3. Identify the sections of the head as applied to haircutting. 4. Identify tapering and blending areas. 5. Define design elements used in haircutting and styling. 6. Define basic terms used in haircutting and styling. 7. Explain basic cutting techniques using shears, clippers, and razors. 8. Describe basic haircut styles. 9. Describe haircut finish work 10. Describe basic styling techniques. 11. Discuss haircutting and styling safety precautions. 12. Demonstrate basic haircuts and styling techniques. 	<p>Chapter 15: Men's Haircutting and Styling</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss the art and science of men's haircutting and styling. 2. Discuss the term <i>envisioning</i> and the importance of the client consultation. 3. Discuss facial shapes and anatomical features. 4. Identify and name the sections of the head as applied to haircutting. 5. Understand the fundamental terms used in haircutting. 6. Demonstrate basic cutting techniques: fingers-and-shear, shear-over-comb, freehand shear cutting, freehand clipper cutting, clipper-over-comb, and razor cutting. 7. Demonstrate shaving the outline areas. 8. Demonstrate disinfection procedures. 9. Demonstrate basic hairstyling techniques. 10. Discuss safety precautions used in haircutting and styling. 	<p>2017: This chapter was Chapter 15 in the 2010 edition. This revised edition includes expanded sections on the client consultation and on identifying anatomical features, including new content on ear size/placement, sideburn design, and tapering/blending. The section on understanding design elements has also been expanded to include new elements and updated terminology. Procedures for fingers-and-shear cutting techniques, clipper cutting techniques, and razor cutting have also been revised, with content related to razor cutting consolidated to one section. The section on basic hair styles has been updated and moved to follow the cutting techniques. This is followed by a revised section on haircut finish work that now includes head shaving. Revisions to styling techniques include finger waving. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>

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<p>Chapter 15: Men's Hair Replacement Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss the reasons why men may purchase a hair replacement system. 2. Understand the factors that influence hair replacement services. 3. Discuss selling hair replacement systems. 4. Discuss alternative hair replacement methods. 5. Identify the types of hair used in hair replacement systems. 6. Define stock and custom replacement systems. 7. Recognize supplies needed to service hair replacement systems. 8. Describe how to clean and service a hair replacement system. 9. Describe how to fit and cut in a hair replacement system. 	<p>Chapter 16: Men's Hairpieces Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss reasons why men may purchase a hair replacement system. 2. Recognize supplies needed to service hair replacement systems. 3. Demonstrate how to measure a client for a hair replacement system. 4. Explain how to create a hair replacement template. 5. Explain how to apply and remove hair replacement systems. 6. Describe how to fit and cut in a hair replacement system. 7. Describe how to clean and service a hair replacement system. 8. Discuss Selling Hair Replacement Systems. 9. Discuss alternative hair replacement methods. 	<p>2017: This chapter was Chapter 16 in the 2010 edition. This heavily revised chapter begins with a new section on the art of consultation followed by information on selling hair replacement systems, including using social media marketing techniques, followed by alternatives to hair replacement systems. A revised section on hair replacement systems includes basic information on types of hair, bases, and stock versus custom systems. Content on cleaning and styling hair replacement systems has also been updated. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Part 4: Advanced Barbering Services</p>		
<p>Chapter 16: Women's Haircutting and Styling Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify the differences between men's and women's haircutting. 2. Describe four basic women's haircuts. 3. Explain wave formation in curly hair textures. 4. Discuss other haircutting techniques. 5. Explain different hairstyling techniques. 6. Demonstrate a blunt cut. 7. Demonstrate a graduated cut. 8. Demonstrate a uniform-layered cut. 9. Demonstrate a long-layered cut. 	<p>Chapter 17: Women's Haircutting and Styling Learning Objectives:</p> <ol style="list-style-type: none"> 1. Perform four basic women's haircuts. 2. Demonstrate mastery of texturizing techniques. 3. Perform basic wet styling techniques. 4. Perform blow-dry styling techniques. 5. Perform thermal curling and straightening techniques 	<p>2017: This chapter was Chapter 17 in the 2010 edition. The content of this revised chapter closely parallels the 2010 edition. Revisions include additional haircutting tips for each type of cut and more information on different hairstyling techniques. The chapter includes some new/updated figures to match the new or revised content.</p>

<i>Milady's Standard Professional Barbering, 2017 ed.</i>	<i>Milady's Standard Professional Barbering, 2010 ed.</i>	Synopsis of Chapters
<p>Chapter 17: Chemical Texture Services</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Describe how permanent waves, relaxers, and curl reformation services change the appearance of the hair. 2. List topics to discuss during a client consultation. 3. Identify six characteristics of the hair and scalp that are analyzed before performing chemical texturizing services. 4. Describe how the ingredients in permanent waves, relaxers, and curl reformation services are chemically similar and chemically different from each other. 5. Explain the physical and chemical actions of permanent waving, chemical relaxing, and curl reformation processes. 6. Identify types of permrods and end wrapping techniques. 7. Define <i>on-base</i>, <i>half off-base</i>, and <i>off-base</i> rod placement. 8. Identify two types of chemical relaxers. 9. Explain the difference between <i>base</i> and <i>no-base</i> relaxers. 10. List three strand tests to be performed before a chemical relaxing process. 11. Explain the three steps of a curl reformation process. 12. Describe the intended outcomes of texturizer and chemical blow-out services. 	<p>Chapter 18: Chemical Texture Services</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain the effects of chemical texture services on the hair. 2. Identify the similarities and differences between chemical texture services. 3. Discuss hair and scalp analysis for chemical texture services. 4. Perform a permanent wave service. 5. Perform a reformation curl service. 6. Perform a hair relaxing service. 	<p>2017: This chapter was Chapter 18 in the 2010 edition. This edition now begins with the client consultation and hair analysis. The section on understanding chemical texture services includes new content about the physical and chemical actions of texture service, including an expanded table. Some procedures from 2010 have become mini procedures in this edition, including porosity level, elasticity, bookend wrapping, single flat wrapping, and double flat wrapping. Conversely, the preliminary test curl is now a full procedure; other new procedures include applying thio and hydroxide relaxers to virgin hair and applying retouches. The chapter includes updated review questions and key terms as well as and new/updated figures to match the new or revised content.</p>
<p>Chapter 18: Haircoloring and Lightening</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify six hair characteristics that are analyzed before performing haircolor services. 2. Explain color theory principles as they apply to hair color services. 3. Identify haircolor products and explain their actions on hair. 4. Explain the action of lighteners on hair. 5. Explain procedure and application terms. 6. Explain how haircolor products are selected and applied to hair. 7. List haircolor and lightening safety precautions. 	<p>Chapter 19: Hair Coloring</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss the principles of color theory and relate their importance to haircoloring. 2. Identify the classifications of haircolor and explain their actions on the hair. 3. Explain the action of lighteners on the hair. 4. Identify the products used in haircoloring and lightening. 5. Demonstrate the correct procedures for applying haircolor and lighteners. 6. Identify products used to color facial hair. 7. Discuss safety precautions used in haircoloring and lightening. 	<p>2017: This chapter was Chapter 18 in the 2010 edition. This revised chapter includes many updates. Revisions include an expanded discussion of six hair characteristics, updated information regarding color theory, and temporary haircolor using hydrogen peroxide; an expanded coverage of lighteners, product selection, and special problems; and new coverage of fillers. A table on determining the percentage of gray appears earlier in the chapter. Key terminology has been moved into a new table. A new mini procedure on natural level has also been added. The chapter includes updated review questions and new/updated figures to match the new or revised content.</p>

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Appendix	Chapter 20: Nails and Manicuring Learning Objectives: 1. Describe the composition of the nail. 2. Identify and describe nail irregularities and diseases. 3. Demonstrate the proper use of manicuring implements, equipment, and products. 4. Recognize the five general shapes of nails. 5. Demonstrate manicure and hand massage procedures.	2017: Nail care now appears in the Appendix.
Part 5: Business Skills		
Chapter 19: Preparing for Licensure and Employment Learning Objectives: 1. Describe the process of taking and passing your state licensing examination. 2. Develop a cover letter, resume, and employment portfolio. 3. Know how to explore the job market, research potential employers, and operate within the legal aspects of employment.	Chapter 21: State Board Preparation and Licensing Laws Learning Objectives: 1. Discuss how to prepare for written state board examinations. 2. Discuss barber board laws, rules, and regulations in your state. 3. Discuss how to prepare for practical state board examinations. 4. Explain what information may be found in candidate information booklets/materials. 5. Identify the primary objectives of state barber board rules and regulations.	2017: This content in this revised chapter was in Chapters 21 and 22 of the 2010 edition. The chapter begins with preparing for licensure, which includes the written exam, test day strategies, deductive reasoning, test format, state barber law, and the practical exam. The next section of the chapter focuses on preparing for employment, and includes information on forms of employment, resume and employment portfolio development, job research and site visits. The last section focuses on the strategies related to the job interview. The chapter includes updated review questions and key terms, and new/updated figures to match the new or revised content.
Chapter 19: Preparing for Licensure and Employment Learning Objectives: 1. Describe the process of taking and passing your state licensing examinations. 2. Develop a resume and employment portfolio. 3. Know how to explore the job market, research potential employers, and operate within the legal aspects of employment.	Chapter 22: The Job Search Learning Objectives: 4. Discuss industry positions available for barbering students. 5. Explain the guidelines of goal setting. 6. List and discuss personal characteristics important to employment. 7. Discuss employment classifications and wage structures. 8. Write a resume and perform a job search.	2017: As noted earlier, this content has been combined with the former Chapter 21 to create Chapter 19.

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<p>Chapter 20: Working Behind the Chair Learning Objectives:</p> <ol style="list-style-type: none"> 1. Describe what is expected of a new employee and what this means in terms of your everyday behavior. 2. List the habits of a good barbershop team player. 3. Describe three different ways in which barbers are compensated. 4. Determine the best way to record your tips and make additional income. 5. Explain the principles of selling products and services in the barbershop. 6. List the most effective ways to build a client base. 	<p>Chapter 23: Barbershop Management Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss self-employment and barbershop ownership. 2. Understand responsibilities associated with business development and ownership. 3. Discuss types of business ownership. 4. Explain the differences between employment classifications. 5. Discuss the features of a business plan. 6. Design a floor plan. 7. Discuss different types of advertising. 8. Identify the types of records that barbershop owners must maintain. 9. Demonstrate services and retail product sales techniques. 	<p>2017: The content in this revised chapter was in Chapter 23 of the 2010 edition, which was split to create Chapters 20 and 21 in this new edition. The chapter begins with new content on expectations from moving from school to work and finding the right position, which includes guidelines on thriving in a service profession, teamwork, and understanding the job description. The section on employment classifications has been updated to include web resources for continuing education and new content on tips, employee evaluation, money management, the principles of selling products and services, and ways to keep current clients and expand the client base. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>
<p>Chapter 21: The Business of Barbering Learning Objectives:</p> <ol style="list-style-type: none"> 1. Identify two options for going into business for yourself. 2. List the basic factors to be considered when opening a barbershop. 3. Compare types of barbershop ownership. 4. Recognize the information that should be included in a business plan. 5. Explain the importance of record keeping. 6. Examine the responsibilities of a booth renter. 7. Distinguish the elements of successful barbershop operations. 8. Validate why advertising is a vital aspect of a barbershop's success. 	<p>Chapter 23: Barbershop Management Learning Objectives:</p> <ol style="list-style-type: none"> 1. Discuss self-employment and barbershop ownership. 2. Understand responsibilities associated with business development and ownership. 3. Discuss types of business ownership. 4. Explain the differences between employment classifications. 5. Discuss the features of a business plan. 6. Design a floor plan. 7. Discuss different types of advertising. 8. Identify the types of records that barbershop owners must maintain. 9. Demonstrate services and retail product sales techniques. 	<p>2017: The content in this revised chapter was in Chapter 23 of the 2010 edition—it was split to create Chapters 20 and 21 in this new edition. This heavily revised chapter begins with updated content about types of business options, including numerous factors related to ownership, before discussing booth rental. The next section provides updated content on the elements of successful barbershop, including layout, personnel, the front desk, and reception area. The chapter concludes with details on how to build a business and includes the use of social media, advertising, and selling services. The chapter includes updated review questions and key terms as well as new/updated figures to match the new or revised content.</p>