MILADY STANDARD ESTHETICS: FUNDAMENTALS

Student Workbook

o distribution al

O Cengage Learning. All rights reserved

To be used with Milady Standard Esthetics: Fundamentals



Australia • Brazil • Japan • Korea • Mexico • Singapore • Spain • United Kingdom • United States

CENGAGE Learning

Milady Standard Esthetics: Fundamentals Student Workbook, Eleventh Edition

Author: Jean Harrity

President, Milady: Dawn Gerrain Director of Content and Business Development: Sandra Bruce Acquisitions Editor: Martine Edwards Associate Acquisitions Editor: Philip Mandl Senior Product Manager: Jessica Mahoney Editorial Assistant: Sarah Prediletto Director of Marketing and Training: Gerard McAvey Senior Production Director: Wendy A. Troeger

Production Manager: Sherondra Thedford Senior Content Project Manager: Nina Tucciarelli

Senior Art Director: Benjamin Gleeksman

© 2013, 2009, 2004 Milady, a part of Cengage Learning

ALL RIGHTS RESERVED. No part of this work covered by the copyright herein may be reproduced, transmitted, stored or used in any form or by any means graphic, electronic, or mechanical, including but not limited to photocopying, recording, scanning, digitizing, taping, Web distribution, information networks, or information storage and retrieval systems, except as permitted under Section 107 or 108 of the 1976 United States Copyright Act, without the prior written permission of the publisher.

> For product information and technology assistance, contact us at **Professional & Career Group Customer Support, 1-800-648-7450** For permission to use material from this text or product, submit all requests online at **www.cengage.com/permissions** Further permissions questions can be emailed to

> > permissionrequest@cengage.com

Library of Congress Control Number: 2011943910

ISBN-13: 978-1-1113-0691-5

ISBN-10: 1-1113-0691-5

Milady

5 Maxwell Drive Clifton Park, NY 12065-2919 USA

Cengage Learning products are represented in Canada by Nelson Education, Ltd.

For your course and learning solutions, visit **milady.cengage.com**

Visit our corporate Web site at cengage.com.

Notice to the Reader

Publisher does not warrant or guarantee any of the products described herein or perform any independent analysis in connection with any of the product information contained herein. Publisher does not assume, and expressly disclaims, any obligation to obtain and include information other than that provided to it by the manufacturer. The reader is expressly warned to consider and adopt all safety precautions that might be indicated by the activities described herein and to avoid all potential hazards. By following the instructions contained herein, the reader willingly assumes all risks in connection with such instructions. The publisher makes no representations or warranties of any kind, including but not limited to, the warranties of fitness for particular purpose or merchantability, nor are any such representations implied with respect to the material set forth herein, and the publisher takes no responsibility with respect to such material. The publisher shall not be liable for any special, consequential, or exemplary damages resulting, in whole or part, from the readers' use of, or reliance upon, this material.

Printed in United States of America 1 2 3 4 5 XX 16 15 14 13 12

Contents

How to Use this Workbook / iv

- 1 History and Career Opportunities in Esthetics / 1
- 2 Life Skills / 12
- 3 Your Professional Image / 23
- 4 Communicating for Success / 28
- 5 Infection Control: Principles and Practices / 39
- 6 General Anatomy and Physiology / 54
- 7 Basics of Chemistry / 76
- 8 Basics of Electricity / 85
- 9 Basics of Nutrition / 94
- 10 Physiology and Histology of the Skin / 112
- 11 Disorders and Diseases of the Skin / 120
- 12 Skin Analysis / 133

© Cengage Learning. All rights reserved. No distribution allowed without express authorization.

- 13 Skin Care Products: Chemistry, Ingredients, and Selection / 145
- 14 The Treatment Room / 159
- 15 Facial Treatments / 167
- 16 Facial Massage / 180
- 17 Facial Machines / 187
- 18 Hair Removal / 195
- 19 Advanced Topics and Treatments / 207
- 20 The World of Makeup / 216
- 21 Career Planning / 232
- 22 The Skin Care Business / 242
- 23 Selling Products and Services / 256

How to Use this Workbook

This workbook has been especially designed to meet the needs, interests, and abilities of students receiving training for a career in esthetics, the art of skin care. It has been organized to be used in conjunction with *Milady Standard Esthetics: Fundamentals,* Eleventh Edition.

The material presented here has been prepared in accordance with the accepted methods of vocational training that are approved by state licensing organizations.

Mind mapping is used for developing an innovative and more creative approach to thinking. It simply creates a free-flowing outline of material or information. It is easy to learn, and when the technique is mastered, students will be able to organize an entire project or chapter in a matter of minutes. Mind mapping will allow students to release their creativity and engage both hemispheres of their brain. This technique has proved more effective than the linear form of note taking for most students. When mind mapping, the central or main idea is more clearly defined. The map lays out the relative importance of each idea or element of the subject matter. For example, the more important ideas or material will be nearer the center, and the less important material will be located in the outer parameters. Proximity and connections are used to establish the links between key concepts or ideas. The result is that review and recall will occur more quickly and be more effective. As you develop the art of mind mapping, you will see that each one takes on a unique appearance, which even adds to your recall ability of different topics or subjects. An example of how all the qualities, skills, and characteristics of an educator could be placed in a mind map is provided below.

1. Assignment and learning the Lesson

The student writes the answers in the workbook, consulting the text and glossary located in the back of *Milady Standard Esthetics: Fundamentals,* Eleventh Edition.

2. Correction of the Lesson

Answers may be corrected and/or rated during class or individual discussions or on an independent study basis.

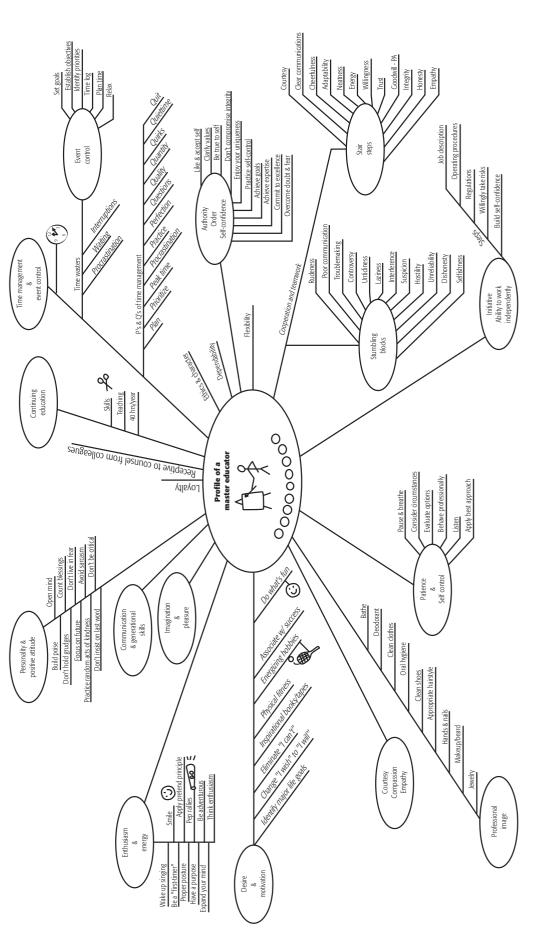
3. Review of the Lesson

Various tests emphasize the essential facts found in the textbook and measure the student's progress.

iv

© Cengage Learning. All rights reserved. No distribution allowed without express authorization.

© Milady, a part of Cengage Learning.



V

Not For Sale



Date: ______ Rating: _____



WHY STUDY HISTORY AND CAREER OPPORTUNITIES IN ESTHETICS?

Short Essay

Using the lines below, write down a description as to why you think it is important for you to learn about old and ancient techniques that were once used in skin care.

Milady, a part of Cengage Learning.

1

BRIEF HISTORY OF SKIN CARE

Fill in the Blank

Use the word bank below to fill in each blank with the appropriate word.

olive	scenery	rich oils
toothpicks	environment	baths
fingernails	kosmetikos	threading
temple	mignonette	tattooing
cosmetics	skin care	blackened

- **1.** The Egyptians used ______ as part of their personal beautification habits, for religious ceremonies, and in preparing the deceased for burial.
- Henna is obtained from the powdered leaves and shoots of the ______ tree.
- **3.** Henna was used to dye hair and _____.
- 4. The early Hebrews had a wealth of grooming and ______ techniques.
- 5. The Hebrews used ______ and grapeseed oils to moisten and protect the skin.
- 6. The word *cosmetics* and *cosmetology* come from the Greek word

7. The Greeks viewed the body as a _____.

- 8. The ancient Romans are famous for their _____.
- **9.** After bathing, Romans applied ______ and other preparations to their skin to keep it healthy and attractive.
- **10.** Both the Chinese and Japanese cultures blended the edges of their natural into their looks.
- **11.** Geishas removed their body hair by a technique similar to what we call ______ today.
- **13.** Africans have created remedies and grooming aids from the materials found in their natural ______.
- **14.** In North Africa, people use twigs from the mignonette tree as ______.

STYLE, SKIN CARE, AND GROOMING THROUGHOUT THE AGES

Matching

Match the time period clue on the left to the time period on the right.



- 1. The period in European history between classical antiquity and the Renaissance.
- 2. Marie Antoinette was queen of France from 1755 to 1793.
- **3.** It has brought about many changes in style, skin care, and innovations of the beauty culture.
- **4.** Spans the reign of Queen Victoria of England (1837–1901).
- **5.** This has a more relaxed approach to clothing, hair, and makeup.

The Twenty-First Century

Middle Ages

The Age of Extravagance

The Twentieth Century

The Victorian Age

Milady, a part of Cengage Learning.

PRIVATE LABELING AND BRANDING

Create your own private label for your line of products using the space below. What would you call it? Which products would you have in your line? What would your logo look like?

CAREER PATHS FOR AN ESTHETICIAN

Short Essay

In your own words, explain the job tasks for each position. Discuss your answers with your instructor. The first line is filled in for you to help get you started.



- 1. Salon or day spa esthetician
 - Retailing

4

Courtesy Scherrer Photography



- 2. Medical aesthetician
 - Microdermabrasion

3. Destination spa

• Retailing

© Cengage Learning. All rights reserved. No distribution allowed without express authorization.



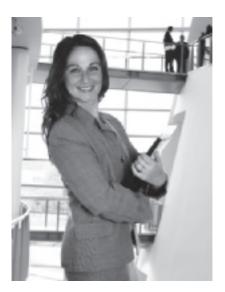
© Milady, a part of Cengage Learning. Photography by Larry Hamill.

4. Makeup artist

• Applying concealer and foundation

5. Manufacturer's representative

• Learning the product ingredients



- 6. Cosmetics buyer
 - Making cold calls

© Cengage Learning. All rights reserved. No distribution allowed without express authorization.

- 7. Beauty writer or editor
 - Reading text

- 8. Esthetician on a cruise ship
 - Retailing



© Cengage Learning. All rights reserved. No distribution allowed without express authorization.

9. Educator

• Writing a curriculum

A BRIGHT FUTURE

Short Essay

Estheticians taking a role in their local government also have an important job. One can become a state licensing inspector or examiner or a state board member. Create a list of what inspectors might look for upon entering a salon. You may need to research your own state's laws and regulations to obtain more information.

• Cleanliness

1. A state board member also assists in creating and enforcing laws. Explain other tasks that he or she accomplishes.

2. Now that your education has begun, explain where you would like to see your career in esthetics go. Would you want to be a medical aesthetician, day spa esthetician, or some other type? Explain why you are choosing that path.
Note: At the end of your education, look back to see what you wrote—do you feel the same, or did your ambition change?

CAREER PATHS FOR AN ESTHETICIAN

Fill in the Blank

Fill in the blanks below with the appropriate answers.

- 1. Esthetics comes from the Greek word _____, meaning perceptible to the senses.
- Estheticians offer skin care treatments and sell cosmetics but cannot prescribe or give medical _____.
- **3.** An esthetician is a person devoted to, or professionally occupied with, the ______ and ______ of the skin.
- 4. Estheticians in a salon or day spa are skin care _____ and
- 5. Medical aesthetics involves the integration of _____ and
- 6. A good makeup artist is skillful at ______ a person's more attractive features and ______ less attractive features.
- 7. Cosmetic manufacturers often hire ______ to call on salons or stores to sell products and help build clienteles.
- **8.** Cosmetics ______ estimate the amount of stock an operation will need over a particular period and keep records of product purchases and sales.
- 9. Educators may teach esthetics in _____, ____, or _____, or ______, schools.
- **10.** Skin care products are continuing to become more ______ and have more efficient ______ that penetrate deeper into the skin.

11. Skin care in general is becoming more	than corrective.

- **12.** The branch of anatomical science dealing with the health and well-being of the skin is called ______.
- 13. The field that integrates surgical and esthetic treatments is called
- **14.** The medical setting in which patients receive both spa services and medical procedures is called a _____.
- **15.** When you apply makeup to cover scars or congenital defects, you are performing _____.

16. A makeup artist who works in a mortuary is skilled at ______.

- **17.** The travel industry is now using ______ for airport and in-flight services as well as on cruise ships.
- **18.** Manufacturers often employ estheticians as ______ who conduct seminars and workshops, display products at conventions, and talk with teachers about the merits of the products.
- 19. Licensing exams are conducted and licenses are granted by
- 20. Americans born between the years 1946 and 1964 are known as
- **21.** The U.S. Department of Labor predicts the rapid growth of ______ and a growing demand for practitioners licensed to

provide a _____

CAREER PATHS FOR AN ESTHETICIAN RAPID REVIEW TEST

Matching

Match the following terms with the most accurate description.

Term	Answer	Description
a) Estheticians in a spa or salon		1. Demonstrate products to potential customers
b) Medical aestheticians		2. Demonstrate products, cashiering
c) Salespeople/sales managers		3. Serve the traveling public
d) Makeup artists		4. Work for a magazine or newspaper

e) Manufacturer's reps	 5. Travel frequently; estimate stock for customers
f) Researchers	 6. Perform waxing and facial services
g) Cosmetics buyers	 7. Work in public, industrial, and vocational schools
h) Esthetics writers/editors	 8. Conduct regular salon inspections
i) Travel industry	 9. Determine the safety of products
j) Educators	 10. Work for television and movie productions
k) State licensing examiners	 11. Provide camouflage makeup and advanced treatments
I) State board members	 12. Conduct licensure examinations

IMPORTANT TERMS

Word Scramble

Unscramble each word by using the definition as a clue.

ehtsetaicin	 A specialist in the cleansing, beautification, and preservation of the health of skin on the entire body, including the face and neck.
ethsecits	 2. A branch of anatomical science that deals with the overall health and well-being of the skin, the largest organ of the human body.
nnaeh	3. A dye obtained from the powdered leaves and shoots of the mignonette tree; used as a reddish hair dye and in tattooing.
ledimac ashetsceti	4. The integration of surgical procedures and esthetic treatments.
nonachtelonoyg	5. The art of manipulating materials on an atomic or molecular scale.