

**HS165**  
**Diseases & Pharmacology**

**3 Credits**

Instructor: Janet Miller

Phone:

Original Developer: Alice Wainwright-Stewart

Current Developer: Janet Miller

Reviewer: Deborah Minish

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2602 - 59 Avenue, Lloydminster, Alberta, Canada T9V 3N7. Ph: 780 871 5700  
5707 College Drive, Vermilion, Alberta, Canada T9X 1K5. Ph: 780 853 8400  
Toll-free in Canada: 1 800 661 6490



## HS165 Version: 5



### Diseases & Pharmacology

#### Calendar Description

This course is an overview of common disorders and diseases of the skin. Although estheticians are not qualified to treat skin diseases or medical conditions, they need a basic understanding of these diseases and the treatment drugs. Basic chemistry and cosmetic ingredient technology are also included in this course.

#### Rationale

This is a required course for Esthetician students. In order to work in a salon, the esthetician needs knowledge about common skin conditions and how to identify certain medical conditions.

#### Prerequisites

None

#### Co-Requisites

None

#### Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. identify common skin conditions and diseases.
2. identify the over-the-counter drugs that estheticians use.
3. discuss the prescription drugs that estheticians need to understand.
4. explain the elements of basic chemistry.
5. describe the most common cosmetic ingredients
6. describe the FDA regulations regarding cosmetic claims.
7. list the new technological developments in skin care and describe their effects on the skin.
8. identify the importance of a lifelong learning model to keep up to date on advancing skin technology.

## Resource Materials

### **Required Text:**

Gerson, J., et al. (2013). *Milady's standard esthetics: Fundamentals* (11th ed.).

New York, New York: Cengage Learning. ISBN-13:978-1-1113-0689-2.

Harrity, J. (2013). *Milady's standard esthetics: Fundamentals students' workbook*.

(11th ed.). New York, New York: Cengage Learning.

ISBN-13:978-1-1113-0689-2.

### **Reference Text:**

None

## Conduct of Course

Lectures, videos, class discussions, simulation labs, and guest speakers are used to deliver the course content. Participation is necessary.

## Evaluation Procedures

Grading system is based on the number of points received for each assignment. Students are required to complete all assignments and the exam.

Assignments: 50%

Exams: 50%

Points are accumulated for a total possible 100 points. The accumulated points are converted to a final grade using the following scale:

## Grade Equivalents and Course Pass Requirements

***A minimum grade of D (50%) (1.00) is required to pass this course.***

Letter	F	D	D+	C-	C	C+	B-	B	B+	A-	A	A+
Percent Range	0-49	50-52	53-56	57-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	1.00	1.30	1.70	2.00	2.30	2.70	3.00	3.30	3.70	4.00	4.00

**Students must maintain a cumulative grade of C (GPA - Grade Point Average of 2.00) in order to qualify to graduate.**

## Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor. Absences may result in probation or suspension from the program.

In cases of repeated absences due to illness, the student may be requested to submit a medical certificate.

*Instructors have the authority to require attendance in classes.*

## Course Units/Topics

1. Common Dermatological Terms
2. Lesions
3. Common Conditions and Disease of the Skin
4. Common Allergies in the Skin Care Business
5. Contagious Disease
6. Other Disease of the Skin
7. Autoimmune Disease
8. Over the Counter and Prescription Drugs
9. Skin Lightening Products
10. Corticosteroids
11. Prescription Steroids
12. Allergic Reactions, Hives and Redness
13. Retinoid
14. Drugs for the Treatment of Rosacea
15. Antibiotics
16. Disorder of the Skin
17. Basic Chemistry
18. Cosmetic Ingredients
19. Food and Drug Administration Regulations
20. Serums
21. Delivery Systems
22. Improving Cell Metabolism and Oxygenation
23. Nature versus Biotechnology



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