



## COURSE OUTLINE: EST135 - ANATOMY/PHYSIOLOGY

Prepared: Health & Esthetician Faculty

Approved: Martha Irwin, Chair, Community Services and Interdisciplinary Studies

<b>Course Code: Title</b>	EST135: ANATOMY AND PHYSIOLOGY
<b>Program Number: Name</b>	2017: ESTHETICIAN
<b>Department:</b>	ESTHETICIAN
<b>Academic Year:</b>	2022-2023
<b>Course Description:</b>	This course will provide the learner with a general understanding and working knowledge of the structure and function of the human body. Each body system will be addressed in order to understand how the structures and functions are related and how all body systems work together to carry on complex activities. The learner will explore the physiological changes in the body related to both the aging process and to common health challenges.
<b>Total Credits:</b>	3
<b>Hours/Week:</b>	3
<b>Total Hours:</b>	42
<b>Prerequisites:</b>	There are no pre-requisites for this course.
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>	<b>2017 - ESTHETICIAN</b>
<b>Please refer to program web page for a complete listing of program outcomes where applicable.</b>	VLO 3 Apply relevant knowledge of anatomy, physiology, and histology to the provision of specialized esthetic treatments and services. VLO 6 Select and recommend the use of esthetic products and product ingredients to clients, taking into account health status and identified needs.
<b>Essential Employability Skills (EES) addressed in this course:</b>	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication. EES 6 Locate, select, organize, and document information using appropriate technology and information systems. EES 7 Analyze, evaluate, and apply relevant information from a variety of sources. EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals. EES 10 Manage the use of time and other resources to complete projects. EES 11 Take responsibility for ones own actions, decisions, and consequences.
<b>General Education Themes:</b>	Science and Technology
<b>Course Evaluation:</b>	Passing Grade: 50%, D



A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.

**Other Course Evaluation & Assessment Requirements:**

1. To pass this course, students must complete all five written tests and achieve a minimum combined average of 50% (calculated as indicated above).
2. Online Quizzes: All online quizzes are equally weighted. Students are allowed two attempts for each quiz. The highest mark for each quiz will be recorded. Any quiz that is not completed by the due date will be assigned a mark of zero.
3. Supplemental Exam: A supplemental exam may, at the discretion of the professor, be provided for students who obtain a final grade of 47-49%. To be eligible for a supplemental exam, a student must have attended at least 80% of classes and completed ALL tests and quizzes.
4. Students missing a test because of illness or other serious reason must contact the professor before the test (by phone or email). Those students who have notified the professor of their legitimate absence, according to policy, will be eligible to arrange an opportunity to write the test at another time. Students must contact the professor on their first day back at school or clinical following a missed test. Those students who do not follow the above procedures will receive a zero for that test. The professor reserves the right to request documentation that supports the legitimacy of an absence.

**Course Outcomes and Learning Objectives:**

<b>Course Outcome 1</b>	<b>Learning Objectives for Course Outcome 1</b>
1. Act within the esthetician role, under supervision and by following established policies and procedures.	1.1 Discover the relationship between acquiring knowledge of human anatomy and physiology and the role of the esthetician. 1.2 Demonstrate accountability and an appreciation for continuous learning.
<b>Course Outcome 2</b>	<b>Learning Objectives for Course Outcome 2</b>
2. Use basic knowledge and established policies and procedures.	2.1 Outline the basic human characteristics that are essential for life. 2.2 Determine the relationship between anatomy and physiology and growth and development across the lifespan. 2.3 Identify typical responses in body structure and functions as it relates to the aging process.
<b>Course Outcome 3</b>	<b>Learning Objectives for Course Outcome 3</b>
3. Make relevant observations in an on-going and timely manner.	3.1 Differentiate between normal and abnormal responses as related to body functioning in health and in illness. 3.2 Identify typical physiological responses that clients may manifest when experiencing health challenges.
<b>Course Outcome 4</b>	<b>Learning Objectives for Course Outcome 4</b>
4. Communicate effectively and appropriately using oral, written, and non-verbal methods.	4.1 Write and speak clearly using the correct terminology when referring to human anatomy and physiology. 4.2 Identify common terms used to describe specific regions of the human body.
<b>Course Outcome 5</b>	<b>Learning Objectives for Course Outcome 5</b>
5. Describe the basic principles, structures,	5.1 Define anatomy, physiology and homeostasis. 5.2 Explain the structural levels of organization of the human



	<p>functions, and anatomical terms as they relate to the human body.</p>	<p>body.</p> <p>5.3 Identify the organs, structure and function for the Skeletal/Muscular System, Integumentary System, Tissue and Membranes, Nervous System, Endocrine system, and Cardiovascular System of the human body.</p> <p>5.4 Label anatomical structures on diagrams related to each body system identified in 5.3.</p>						
<b>Evaluation Process and Grading System:</b>	<table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>Online Quizzes and Assignments</td> <td>20%</td> </tr> <tr> <td>Tests</td> <td>80%</td> </tr> </tbody> </table>		Evaluation Type	Evaluation Weight	Online Quizzes and Assignments	20%	Tests	80%
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<b>Date:</b>	October 25, 2022							
<b>Addendum:</b>	Please refer to the course outline addendum on the Learning Management System for further information.							