

Course Syllabus

Course Title: Pathophysiology - Online

Course Number: MEDC 5485

Course Description: Study of the pathology and general health management of diseases and injuries across the life span. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries.

Hours: 48

Course Prerequisite(s): Medical Terminology and Basic Anatomy and Physiology

Student Learning Outcomes:

1. Identify the important concepts related to human diseases.
2. Define key terminology relevant to human diseases and disorders.
3. Correctly pronounce common terminology related to human diseases.
4. Identify signs and symptoms, and diagnostic tests common to human diseases and disorders.
5. Describe specific common human diseases and disorders.
6. State the effects of aging on specific body systems.
7. Distinguish environmental factors, physical, psychosocial and cognitive characteristics of various diseases and conditions.
8. Identify implications of therapeutic interventions of common diseases and conditions.

Textbook(s): (Contact bookstore for latest edition and cost)
Pathophysiology for the Health Professions, Barbara Gould
Access code for textbook

Withdrawal Policy: See the current *Career Skills Training* catalog for the tuition refund policy.

Collin College Academic Policies: See the current *Collin Student Handbook*.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, SCC-G200 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

Meeting Location: This totally online course is in Canvas and must be accessed through <http://www.collin.edu>.

1. To log in to CougarWeb, visit <http://www.collin.edu>
2. Your username is the first portion of your CougarMail / CougarWeb account, usually the first letter of your first name, your last name, and then a number.
3. Your password is the last 6 digits of your CWID (College-Wide ID).

4. Your class will appear in Canvas on the first day of class.

NOTE: You will not be able to access the class until classes officially begin. Allow reasonable time for students to be uploaded into Canvas. If you are new to Canvas or would like a refresher in its processes please view the www.collin.edu/academics/ecollin/ page.

If you receive a login error, please try a different browser, delete your cookies and try again.

Attendance Policy: Attendance in an online course is measured by submission of assessments and discussion postings. Students must complete all assessments and postings as directed in the time frame specified. Students are expected to monitor Canvas communications at least several times across each week. Time required to read all material and submit assessments and postings will vary according to individual skills....but still must be submitted on time.

Lesson Plan

- Week 1: Introductions, review of syllabus, course outline,
Chapter 1: introduction to Pathophysiology
Chapter 2: Fluid, Electrolyte, and Acid-Base Imbalances
- Week 2: Chapter 3: Introduction to Basic Pharmacology and Other Common Therapies
Chapter 4: Pain
Chapter 5: Inflammation and Healing
Chapter 6: Infection
Chapter 7: Immunity
- Week 3: Chapter 8: Skin Disorders
Chapter 9: Musculoskeletal System Disorders
Chapter 10: Blood and Circulatory System Disorders
Chapter 11: Lymphatic System Disorders
- Week 4: Chapter 12: Cardiovascular System Disorders
Chapter 13: Respiratory System Disorders
Chapter 14: Nervous System Disorders
Chapter 15: Disorders of the Eyes, Ears, and other Sensory Organs
Chapter 16: Endocrine System Disorders
- Week 5: Chapter 17: Digestive System Disorders
Chapter 18: Urinary System Disorders
Chapter 19: Reproductive System Disorders
Chapter 20: Neoplasms and Cancer
- Week 6: Chapter 21: Congenital and Genetic Disorders
Chapter 22: Complications of Pregnancy
Chapter 23: Complications of Adolescence
Chapter 24: Complications of Aging
- Week 7: Chapter 25: Immobility and Associated Problems
Chapter 26: Stress and Associated Problems
Chapter 27: Substance Abuse and Associated Problems
Chapter 28: Environmental Hazards and Associated Problems
Final Exam and end of course evaluations

Sessions listed are a guideline to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, labs, and days.

Method of Evaluation: Students must achieve a minimum of 75% final average in order to pass competencies.

Expectations for taking an online course: It is the student's responsibility to maintain computer and Internet access. In addition to expectations listed elsewhere, students are expected to keep a copy of all saved course work until the final grade has been posted, since electronic communications can fail or crash. This policy may allow resubmission of important items, if permitted by the instructor. If technology issues arise, students are expected to use Collin computers or other equipment for submitting work according to the schedule. In other words, a personal computer or Internet challenges are no excuse for failing to submit work on time. Students are expected to plan ahead concerning inquiries to allow for reasonable response time from the instructor. Students are expected to mark the weeks of the term on their personal calendars and to maintain a check list of work completed and grades received in order to self-monitor progress in the course. Remember that *online courses require the STUDENT to be self-disciplined* concerning course performance.

Students are expected to monitor email, Canvas, Assignments and the Discussion board several times weekly, every day is best, in order to maintain communications with your instructor and classmates. All Discussion posts must be read even if you believe they do not pertain to you.

Computer Skills Needed: You should know how to access a Web site when given an address (URL) or link, use features of your Web browser, download files, attach files to emails, and use MS Word processing software.

Technical Support: Technical support for Canvas is available 24 hours a day, 7 days a week, 365 days a year. You may contact technical support toll-free by calling 1-866-350-5119. In addition, online support is available through the [Canvas Online Support Center](#).

Netiquette Expectations: Expectations for online class involvement:

1. Allow a professor 48 hours to respond to all questions and inquiries during the work week. Instructors are not expected to work weekends; therefore, response time will be extended. Please plan your time accordingly. Requesting to turn in an assignment late, because you are waiting on a reply from your instructor will not be considered an acceptable excuse. Deadlines are deadlines and it is imperative you plan your time accordingly. Grades are usually posted one week after the due date.
2. Communication with instructors should be kept brief. State the problem concisely as well as how you would like them to help. Instructors should always be addressed in a respectful and professional manner. Making demands, criticizing, and "yelling" (writing in a bold font and in all capital letters) are not acceptable forms of communication and are against the Collin College statement of core values.
3. If the student has an issue with the class, the teacher should be contacted individually. It is not a student's position to appoint themselves "spokesperson" for the class.

4. A student's responsibility is to perform within the structure of the class. Any attempt by the student to change the structure of the class may be regarded as a violation of departmental and college policy.
5. It is in good faith that faculty and students engage in the learning process. It is expected that students perform in class with that philosophy in mind. Students are expected to make a good faith effort to read and understand the material and to engage in learning activities provided by the instructor