

**COURSE SYLLABUS
MAS 112—HUMAN DISEASE**



COURSE LENGTH AND CREDIT: 50 clock hours, 5 credit hours

PREREQUISITE: *BUS 211 or AHS 109; BUS 212 or AHS 101*

REQUIRED TEXTS: (1) Diseases of the Human Body, Tampoaro & Lewis, F. A. Davis Publishing Company, 4th ed.

REQUIRED SUPPLIES: Folder, notebook paper, black pen/pencil.

COURSE DESCRIPTION: Provides clear, succinct, and basic information about common medical conditions. Taking each body system, the disease condition is highlighted following a logical formation consisting of description, etiology, signs & symptoms, diagnostic disease and diseases of body systems including the nutritional and pharmacological implications.

MAJOR COURSE COMPETENCIES: Introduction to disease and diseases of body systems including nutritional and pharmacological implications.

COURSE OBJECTIVES: Upon completion of this course, student will:

1. Identify important contributions in medicine.
2. List and explain at least seven causes of disease.
3. List treatment modalities.
4. List five stages of dying.
5. Discuss the living will.
6. Discuss etiology of cancer.
7. Compare benign and malignant tumors
8. Describe the three main classifications for cancer.
9. Identify the grading and staging of neoplasms and their use.
10. Discuss three major forms of cancer treatment and their advantages and disadvantages.
11. Identify and discuss diseases of the following systems and their treatment to include nutritional and pharmacological aspects: nervous, circulatory, sensory, musculoskeletal, integumentary, digestive, respiratory, urinary, endocrine.
12. Identify and discuss disorders of importance in fluids, electrolytes, and acid-base.
13. Discuss the care, prevention, and treatment for AIDS.
14. Discuss vaccines and serums in the prevention of disease.
15. Discuss the management of the allergy patient.

COURSE OUTLINE:

Ch 1 The Disease Process	Ch 9 Reproductive System Diseases	Ch 14 Endocrine System Diseases
Ch 4 Infectious Diseases	Ch 10 Digestive System Diseases	Ch 15 Musculoskeletal Diseases
Ch 5 Neoplasms	Ch 11 Respiratory System Diseases	Ch 16 Skin Diseases
Ch 6 Congenital Diseases	Ch 12 Circulatory System Diseases	Ch 17 Eye & Ear Diseases
Ch 8 Urinary System Diseases	Ch 13 Nervous System Diseases	

STUDENT REQUIREMENTS: *Students are expected to submit all chapter tests and research assignment on the dates scheduled by the instructor. Students will receive grades of "0" for any assignment/test that is not submitted by the due date outlined on the calendar unless prior arrangements have been made with the instructor.* Students will be provided specific guidelines to follow for all assignments. **Failure to complete ALL of the required work will result in the student receiving a final course grade of "F."** Students are responsible for policies and procedures included in the HGTC *Catalog and Student Handbook*. **Students must maintain a minimum grade of "C" in this course if it is a prerequisite for other classes.**

WORK ETHICS: Instruction in the development of good work habits (work ethics) which aid in job retention and advancement is included in this course. This instruction will include weekly activities on a topic related to work ethics. Included are behaviors such as arriving for classes or meetings on time; completing work satisfactorily and on time; responding positively to supervision; following directions correctly; adhering to policies/regulations; using tools and resources properly; observing safety provisions; and working effectively as part of a team. A student is given a work ethics grade each quarter in addition to the academic grade for a course.

ATTENDANCE POLICY: Class attendance is required for successful completion of the course. Absences in excess of 10% of scheduled class periods will subject the student to dismissal. Refer to HGTC *Catalog and Student Handbook* for explanation of the attendance policy. It is the student's responsibility to obtain notes, handouts, etc. should a class be missed and to schedule outside work time, makeup exams, etc. with the instructor. Students are expected to contact the instructor prior to class if they must be absent. To leave a message for your instructor, call 275-6589 and ask receptionist to leave a message in the instructor's mail tray. Students who are sleeping during class will be counted absent, as they are not mentally present.

ACADEMIC DISHONESTY: *All forms of academic dishonesty, including but not limited to cheating on tests/daily work and falsification of information, will call for discipline.*

INTERNET USAGE: Unless a student is working on the interactive project, no student should be using the Internet during designated class time.

INSTRUCTIONAL TECHNIQUES: Both lecture and individualized instructional techniques will be used in reaching the course objectives in addition to small and large group discussions/demonstration. Supplemental instruction will be provided as needed on an individualized basis.

SPECIAL SERVICES: Students with special needs, whether the needs are learning, physical, or other, are strongly encouraged to talk with the course instructor. The student can talk with the Special Needs Facilitator in the W. R. Stewart Building for tutoring opportunities.

To ensure that students have every opportunity to succeed in their studies, other services such as tutoring and study skills are available. Students interested in these services should talk to the instructor or department chairperson.

FINAL CLASS AVERAGE

Chapter Test Avg.	80%
Internet Project	3%
Comprehensive	17%
Final Exam	

GRADING SCALE

A	(90-100)
B	(80-89)
C	(70-79)
D	(60-69)
F	(0-59)

TCSG GUARANTEE/WARRANTY STATEMENT:

The Technical College Systems of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING:

All assignments are due by the class period on the date indicated by the class calendar. Any assignment/test not turned in by due date will result in a grade of "0" on each assignment/test due.

CHAPTER EXAMS: All exams will be given one time (retakes are not allowed). All test grades will be averaged together. Students must take all tests to receive a passing grade for the class. If a student who is testing leaves the classroom before the test is complete, test will be taken up by instructor and graded as complete. Please note that revealing what items are on the test is considered cheating and will be subject to this department's honesty policy.

The following chapters exams will be given:

Test 1—Chapters 1 & 4	Test 6—Chapter 12
Test 2—Chapters 5 & 6	Test 7—Chapters 13 & 14
Test 3—Chapters 8 & 9	Test 8—Chapter 15
Test 4—Chapter 10	Test 9—Chapters 16 & 17
Test 5—Chapter 11	

INTERACTIVE PROJECT: Each student will complete an interactive project (utilizing the Internet) at time designated by instructor.

WITHDRAWING FROM CLASS:

Students needing to withdraw from class should contact their instructor or program advisor.

EQUAL OPPORTUNITY INSTITUTION: As set forth in its student catalog, Heart of Georgia Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, **political affiliation or belief**, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

Please contact Cecile Miller, Director of Career Services, 560 Pinehill Rd., Dublin, GA 31021, 478-274-7643 or Francine Shuman at fshuman@tcsq.edu for clarification.