

AT 6320-Base

General Medical Conditions and Advanced Patient Care



Instructor: Michael Terrill, MS, ATC, LAT

Email: mterrill1@angelo.edu

Phone: 325-486-6127

Office: Archer Building (HHS) 222D

Office Hours: TBA

Course Information

Course Description

Information on the prevention and management of systematic disorders, skin diseases, environmental disorders, and other ailments related to the human body.

Course Credits

3

Prerequisite and Co-requisite Courses

TBA

Competencies Evaluated in this Course

Competencies	Assignment(s) or activity(ies) validating outcome achievement:
HCA-90 Establish a working relationship with a directing or collaborating physician.	Examination
HCA-94 Develop and implement specific policies and procedures for the purposes of identifying patients with behavioral	Examination

Competencies	Assignment(s) or activity(ies) validating outcome achievement:
health problems and referring patients in crisis to qualified providers.	
IPE-61 Practice in collaboration with other health care and wellness professionals.	Examination
PCC-57 Identify health care delivery strategies that account for health literacy and a variety of social determinants of health.	Examination
PCC-59 Communicate effectively and appropriately with clients/patients, family members, coaches, administrators, other health care professionals, consumers, payors, policymakers, and others.	Examination
PCL-70 Evaluate and manage patients with acute conditions, including triaging conditions that are life-threatening or otherwise emergent. These include (but are not limited to) the following conditions:	Examination Presentation Practicum
PCL-70.1 Cardiac compromise (including emergency cardiac care, supplemental oxygen, suction, adjunct airways, nitroglycerine, and low-dose aspirin)	Examination Presentation Practicum
PCL-70.2 Respiratory compromise (including use of pulse oximetry, adjunct airways, supplemental oxygen, spirometry, meter-dosed inhalers, nebulizers, and bronchodilators)	Examination Presentation Practicum
PCL-70.10 Diabetes (including use of glucometer, administering glucagon, insulin)	Examination Presentation Practicum

Competencies	Assignment(s) or activity(ies) validating outcome achievement:
PCL-70.11 Drug overdose (including administration of rescue medications such as naloxone)	Examination Presentation Practicum
PCL-70.13 Testicular injury	Examination Presentation
PCL-71 Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice. This exam includes the following:	Examination Presentation
PCL-71.1 Obtaining a medical history from the patient or other individual	Examination Presentation
PCL-71.2 Identifying comorbidities and patients with complex medical conditions	Examination Presentation
PCL-71.4.a Cardiovascular system (including auscultation)	Examination Presentation
PCL-71.4.e Genitourinary system	Examination Presentation
PCL-71.4.g Mental status	Examination Presentation
PCL-71.4.b Endocrine system	Examination Presentation
PCL-71.4.d Gastrointestinal system	Examination Presentation
PCL-71.4.k Reproductive system	Examination Presentation
PCL-71.4.c Eyes, ears, nose, throat, mouth, and teeth	Examination Presentation
PCL-71.4.f Integumentary system	Examination Presentation

Competencies	Assignment(s) or activity(ies) validating outcome achievement:
PCL-71.4.I Respiratory system (including auscultation)	Examination Presentation Practicum
PCL-72 Perform or obtain the necessary and appropriate diagnostic or laboratory tests—including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram—to facilitate diagnosis, referral, and treatment planning.	Examination Practicum
PCL-77 Identify, refer, and give support to patients with behavioral health conditions. Work with other health care professionals to monitor these patients' treatment, compliance, progress, and readiness to participate.	Examination
PHP-79 Develop and implement strategies to mitigate the risk for long-term health conditions across the lifespan. These include (but are not limited to) the following conditions:	Examination Presentation
PHP-79.1 Adrenal diseases	Examination Presentation
PHP-79.2 Cardiovascular disease	Examination Presentation
PHP-79.3 Diabetes	Examination Presentation
PHP-79.4 Neurocognitive disease	Examination Presentation
PHP-79.5 Obesity	Examination Presentation
PHP-83	Examination Presentation

Competencies	Assignment(s) or activity(ies) validating outcome achievement:
Educate and make recommendations to clients/patients on fluids and nutrients to ingest prior to activity, during activity, and during recovery for a variety of activities and environmental conditions.	
PHP-84 Educate clients/patients about the effects, participation consequences, and risks of misuse and abuse of alcohol, tobacco, performance-enhancing drugs/substances, and over-the-counter, prescription, and recreational drugs.	Examination Presentation
PRO-66.6 Regulations pertaining to over-the-counter and prescription medications	Examination Presentation

- Note:
 - EBP – Evidence-Based Practice
 - HCA – Health Care Administration
 - HCI – Health Care Informatics
 - IPE – Interprofessional Practice and Interprofessional Education
 - PCC – Patient-Centered Care
 - PCL – Patient Client Care
 - PHP – Prevention, Health Promotion, and Wellness
 - PRE – Prerequisite Coursework and Foundational Knowledge
 - PRO – Professionalism
 - QIM – Quality Improvement

Course Delivery

This is a face-to-face and online course with learning resources and supplemental materials posted in Blackboard.

Required Texts and Materials

- Oconnor D.P, & Fincher A.L., Clinical Pathology for Athletic Trainers, 3rd edition, SLACK 97816171110917

Technology Requirements

To participate in one of ASU's distance education programs, you need this technology:

- A computer capable of running Windows 7 or later, or Mac OSX 10.8 or later
- The latest version of one of these web browsers: Internet Explorer, Firefox, or Safari
- Microsoft Office Suite or a compatible Open Office Suite
- Adobe Acrobat Reader
- High-Speed Internet Access
- Ethernet adapter cable required (wireless connections can drop during tests and Collaborate sessions)
- Webcam

Refer to Angelo State University's Distance Education website for further technology requirements: [Angelo State University's Distance Education Website](#)

Topic Outline

Date	Topic	Assignments
Week 1 Tuesday 8/24 2 - 5	Chapter 1 – Principles of Clinical Pathology and Decision Making	
Thursday 8/26 1 – 2	Chapter 1 – Principles of Clinical Pathology and Decision Making	
Friday 8/29 2 - 4	Chapter 2 – Pathophysiology	
Week 2 Tuesday 8/31 2 - 6	Chapter 2 – Pathophysiology Chapter 14 – Psychological Disorders	Quiz Chapter 1 Quiz Chapter 2
Friday 9/3 2 – 4	Intravenous Fluid Therapy	Quiz Chapter 14
Week 3 Tuesday 9/7 2 - 6	Intravenous Fluid Therapy	Practicum
Friday 9/10 2 – 4		Practicum
Week 4 Tuesday 9/14	Chapter 4 – Immune System Chapter 5 – Oncology	Presentations

2 – 6		
Friday 9/17 2 - 4	IPE Event	Quiz Chapter 4 Quiz Chapter 5
Week 5 Tuesday 9/21 2 - 6	Chapter 6 – Cardiovascular and Hematological Systems Chapter 7 – Pulmonary System	Presentations
Friday 9 – 24 2 - 4		Practicum Quiz Chapter 6 Quiz Chapter 7 Mid-Term
Week 6 Tuesday 9/28 2 - 5	Chapter 8 – Gastrointestinal and Hepatic-Biliary Systems Chapter 9 – Renal and Urogenital Systems	Presentations
Thursday 9/30 1 - 2		Practicum
Friday 10/1 2 – 4	No Class	Quiz Chapter 8 Quiz Chapter 9
Week 7 Tuesday 10/5 2 - 5	Chapter 10 – Endocrine and Metabolic Systems Chapter 11 – Eye, Ear, Nose, Throat, and Mouth Disorders	Presentations
Thursday 10/7 1 - 2		Practicum
Friday 10/8 2 – 4		Practicum
Week 8 Tuesday 10/12 2 - 5	Chapter 12 - Dermatological Conditions Chapter 13 – Neurological System	Presentations
Thursday 10/14 1 - 2		Practicum Quiz Chapter 12 Quiz Chapter 13
Friday 10/15 2 - 4	Final Exam	

Communication

Faculty will respond to email and/or telephone messages within 48 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and section number in your subject line.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Assessment	Points
Quizzes 13 at 20 Points Each	260
Presentations 4 at 60 Points Each	240
Practicums 10 at 10 Points Each	100
Final	200
TOTAL	800

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

A = 720 - 800

B = 640 - 719

C = 560 - 639

D = 480 - 559

F = 0 - 479 (Grades are not rounded up)

Teaching Strategies

Students are expected to be "active learners." It is a basic assumption of the instructor that students will be involved (**beyond the materials and lectures presented in the course**) discovering, processing, and applying the course information using peer-review journal articles, researching additional information and examples on the Internet, and discussing course material and clinical experiences with their peers.

Assignment and Activity Descriptions

Practicums: 10 at 10 points each = 100 points.

Students will have practicums over clinical skills learned and practiced in class. Practicums will be completed in class on the days assigned.

Presentations: 4 at 60 points = 240 points

Each student will have four presentations with a partner on assigned topics in the course. Presentations will be formal and must include a slide show. Presentations will be graded based on the rubric distributed in class and on BlackBoard.

Quizzes: 13 at 20 points each = 260 points

Quizzes will close at 11:59 PM on the Sundays of the week assigned. You can use your notes or books when taking the quizzes; however, you may not use another person's assistance to complete the quizzes. Each quiz has a 60-minute time limit. You may try 2 attempts at each quiz. The highest grade will be accepted. No Late quizzes will be accepted.

Mid-Term and Final Exam: 200 points.

Final Exam will be taken at the assigned exam times and will be comprehensive of the course completed. Students will have two hours to complete the exams.

Assignment Submission

All assignments will be submitted through the Assignments link on the Blackboard except for Scenarios and Simulations. This is for grading, documenting, and archiving purposes. Issues with technology use arise from time to time. If a technology issue does occur regarding an assignment submission, email me at mterrill1@angelo.edu and attach a copy of what you are trying to submit. **Please contact the IT Service Center at (325) 942-2911 or go to your Technology Support tab to report the issue.** This lets your faculty know you completed the assignment on time and are just having problems with the online submission feature in Blackboard. Once the problem is resolved, submit your assignment through the appropriate link. This process will document the problem and establish a timeline. Be sure to keep a backup of all work.

Late Work or Missed Assignments Policy

Late work will not be accepted unless you have received permission from the instructor prior to the due date. If you miss an assignment due to an unexcused absence, you are out of luck. Show up for class!

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)¹
- [Angelo State University Catalog](#)²

Recommended Use of Masks/Facial Coverings by Students in Class At ASU

As a member of the Texas Tech University System, Angelo State University strongly recommends the use of masks/facial coverings to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, we strongly recommend that students in this class wear a mask/facial covering before, during, and after class. Faculty members will also ask you to display your daily screening badge as a prerequisite to enter the classroom.

Student Responsibility and Attendance

It is the student's responsibility to be on time for class, participate in class discussions, and be actively engaged in the learning process. Instructions and assignments will often be given during class, therefore it is in your best interest to attend. If you have to miss class due to an unforeseen event/accident or illness, please contact the instructor prior to the start of class. Pending the reason for your absence, the instructor may inform you of any missed homework assigned during class. Not acceptable reasons for absences include but are not limited to: over sleeping, work, wanting to leave early or come back late from the weekend, and celebrating a friend, relative or pet's birthday. If you are sick, let the instructor know and bring a physician's note when you come back to class.

Food and Drink Policy

Only bottles of water or water in containers with lids are allowed in the HHS building.

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Health and Human Services adheres to the university's [Statement of Academic Integrity](#).³

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁴ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)⁵ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁶ in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).⁷

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)⁸ for more information.

Copyright Policy

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

Syllabus Changes

The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student's responsibility to look for such communications about the course on a daily basis.

Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D.

You may submit reports in the following manner:

Online: www.angelo.edu/incident-form

Face to face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.boone@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit: www.angelo.edu/title-ix.

Student Evaluation of Faculty and Course

Students in all programs are given the opportunity to evaluate their courses and the faculty who teach them. Evaluations are most helpful when they are honest, fair, constructive, and pertinent to the class, clinical experience, or course. Faculty value student evaluations, and use student suggestions in making modifications in courses, labs and clinical experiences.

Angelo State University uses the IDEA (Individual Development and Educational Assessment) system administered through Kansas State University for all course evaluations. The Office of Institutional Research and Assessment administers IDEA for the entire university, online and has established a policy whereby students can complete course evaluations free from coercion.

Student Learning Outcomes

Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)

Learning to apply course material (to improve thinking, problem solving, and decisions)

Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course

End of Syllabus

¹ <https://www.angelo.edu/student-handbook/>

² <https://www.angelo.edu/catalogs/>

³ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁴ <https://www.angelo.edu/services/disability-services/>

⁵ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

⁶ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁷ https://www.angelo.edu/dept/writing_center/academic_honesty.php

⁸ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>