HSP 3420 Clinical Pathology for Health Professionals

Instructor: Chelsea Procter-Willman, MS, LAT, ATC
Office: Archer Building 222D
Phone: (325) 486-6423
E-Mail: cprocter@angelo.edu
Office Hours: Mon, Tues, & Thurs: 2pm-3pm and by appointment

Course Description: This course provides information on the prevention and management of systematic disorders, skin diseases, environmental disorders, and other ailments related to the human body.

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

- Describe the etiology, pathogenesis, pathomechanics, signs, symptoms, and epidemiology of common illnesses and diseases.
- Describe the etiology, pathogenesis, pathomechanics, signs, symptoms, and epidemiology of common illnesses and diseases that are associated with sudden death during physical activity, including but not limited to: sudden cardiac arrest, asthma, traumatic brain injury, hyponatremia, exertional sickling, and anaphylactic shock.
- Explain and perform a complete medical examination, which includes assessment, interpretation of findings, determination of participation status, and referral decisions conducted using standard techniques and procedures.
- Develop specific EAP for common potential emergent conditions, including but not limited to: severe allergic reaction, sickle cell trait, asthma, diabetes, and history of heat illness.
- Describe basic principles of pharmacology, drug categories, and common procedures used in the field.
- Describe infection control regulations and guidelines for the prevention, exposure, and control of infectious diseases.
- Document the results of the assessment including the diagnosis, return to play parameters, and referral options.


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 included but are not limited to: over sleeping, work, wanting to leave early or come back late form 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.

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!!

ACADEMIC HONESTY
Academic honesty is expected on all work. Students are expected to maintain complete honesty and integrity in their online experiences. Any student found guilty of any form of dishonesty in academic
work is subject of disciplinary action and possible expulsion from ASU. The Department of Health Science Professions adheres to the academic honesty statement as set forth in the Angelo State University Student Handbook (2011-2012). [http://www.angelo.edu/content/files/17358-university-honor-code](http://www.angelo.edu/content/files/17358-university-honor-code). The University “faculty expects all students to engage in all academic pursuits in a manner that is above reproach and to maintain complete honesty and integrity in the academic experience both in and out of the classroom setting and may initiate disciplinary proceedings against a student accused of an form of academic dishonesty including but not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource material.

**PLAGIARISM**
Plagiarism at ASU is a serious topic. The Angelo State University’s Honor Code gives specific details on plagiarism and what it encompasses. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literally 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. We use the APA Style Manual of the American Psychological Association as a guide for all writing assignments. Quotes should be used sparingly. 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 via Bb Turnitin. Resources to help you understand this policy better are available at the ASU Writing Center [http://www.angelo.edu/dept/writing_center/academic_honesty.php](http://www.angelo.edu/dept/writing_center/academic_honesty.php).

**STUDENTS WITH DISABILITIES**
1. “Angelo State University 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 Act of 2008 (ADAAA), and subsequent legislation.”

2. The Office of Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student’s responsibly to initiate such a request by contacting the Office of Student Affairs, University Center, Room 112 at (325) 942-2047 or (325) 942-2211 (TDD/FAX) or by e-mail at studentservices@angelo.edu to begin the process. The Office of Student Affairs will establish the particular documentation requirements necessary for the various types of disabilities. Reasonable accommodations will be made for students determined to be disabled or who have documented disabilities.

**INCOMPLETE GRADE POLICY** (OP 10.11 Grading Procedures)
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.

**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.” Please see ASU Operating Policy 10.19.

**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.

Course Evaluation and Grading Scale:

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<tr>
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<tr>
<td>Case Studies (25 pts each)</td>
<td>300 pts</td>
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<td>4 Online Quizzes (25 pts each)</td>
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Tentative Class Schedule

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<th>Topic</th>
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<th>LAB</th>
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<td>Introduction / Syllabus</td>
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<td>Basic Concepts Review</td>
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<td>2/4/19</td>
<td>Basic Principals of Pharmacology</td>
<td>PDR Scavenger Hunt</td>
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<td>Drug Categories</td>
<td>Drug Reference Online Quiz</td>
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<td>2/8/19</td>
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<td>Percussion and Auscultlation</td>
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<td>Genitourinary &amp; STI Exams</td>
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<td>Neurological System</td>
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<td>Eye Charts/ Ophthalmoscopes</td>
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<td>Systemic Disorders</td>
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<td>4/5/19</td>
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<td>Dermatological Conditions</td>
<td>Skin Examination</td>
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<td>Psychological and Substance Use Disorders</td>
<td><strong>PHAMLET DUE</strong></td>
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<td>Working with Special Populations</td>
<td>Special Pops. Considerations</td>
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<td>4/26/19</td>
<td>Working with Special Populations</td>
<td>Case Study #12</td>
<td>LAB REVIEW</td>
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<td><strong>LAB PRACTICAL #2</strong></td>
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<td>5/1/19</td>
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<td>10-18</td>
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<td>5/3/19</td>
<td>REVIEW</td>
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<td>5/8/19</td>
<td><strong>Cumulative Final Exam – 8:00-10:00AM</strong></td>
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*Syllabus Subject to Change*

**Assignments**

**Case Studies: 12 Online Case Studies worth 25 points each for a total of 300 points**
These case studies allow you to check your knowledge and critical reasoning skills. You’ll get a two opportunities with each case study and 20 minutes to complete each one, so utilize your time wisely. Each case study will emphasis the maladies that we are covering in class. Pay attention to due dates on the syllabus as NO LATE case studies will be accepted.

**Online Quizzes: 4 quizzes worth 25 points each.**
Online quizzes are intended to test your knowledge on content that is covered in class. You will have two attempts on each quiz, with the highest grade being recorded. No make-up attempts or late attempts will be accepted.

**Lab Practicals: 2 Practicals worth 150 points each**
Each lab practice is designed to test your clinical, hands-on skills. Random skills that have been covered up to that point in the semester will be tested.

**General Medical Pamphlet: Worth 100 points**
Students will create an information pamphlet over an general medical condition of their choice (pending instructor approval). There should be a minimum of 3 references (APA Format). Specific requirements are listed below. A rubric is proving with this syllabus.

Specifically, students are required to address:
1. Anatomy  
2. Risk Factors  
3. Signs and Symptoms  
4. Prevention  
5. Immediate Management  
6. Rehabilitation and Return to Play
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<tr>
<th>Criteria</th>
<th>0 Points</th>
<th>5 Points</th>
<th>10 Points</th>
<th>Score</th>
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<td><strong>Required Areas Addressed</strong></td>
<td>Fewer than 3 of the required areas were addressed.</td>
<td>3-5 Areas were addressed</td>
<td>All 6 areas were addressed</td>
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</tr>
<tr>
<td><strong>References</strong></td>
<td>No references, incorrect references, or APA format not used</td>
<td>Fewer than 3 references or some incorrect references</td>
<td>Minimum of 3 references, utilizing correct APA formatting used throughout the pamphlet</td>
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</tr>
<tr>
<td><strong>Sentence Structure</strong></td>
<td>Unclear, incorrect, and/or ineffective sentence structure</td>
<td>Simplistic and/or awkward sentence structure</td>
<td>Organized and clear sentence structures.</td>
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</tr>
<tr>
<td><strong>Grammar</strong></td>
<td>Multiple grammatical and stylistic errors</td>
<td>Some errors in grammar and/or format that do not interfere with clarity</td>
<td>Nearly error-free which reflects clear understanding and thorough proofreading</td>
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<tr>
<td><strong>Vocabulary</strong></td>
<td>Apparent confusion with the use of language</td>
<td>Simplistic and/or unclear language</td>
<td>Effective language</td>
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<tr>
<td><strong>Meaningful Development of Ideas</strong></td>
<td>Ideas are unclear and/or not well developed</td>
<td>Unelaborated ideas that are not fully explained or supported; repetitive details</td>
<td>Depth of thought supported by elaborated, relevant supportive evidence provides clear vision of the idea; contains details</td>
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</tr>
<tr>
<td><strong>Images</strong></td>
<td>No images were used.</td>
<td>Images were used, but were unclear and did not aid in the presentation of the information</td>
<td>Images were used correctly to compliment the given information</td>
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<tr>
<td><strong>Organization of Pamphlet</strong></td>
<td>Week organization of ideas; information does not flow well</td>
<td>Somewhat unfocused and/or unclear</td>
<td>Logical organization of ideas</td>
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<tr>
<td><strong>Additional Resources</strong></td>
<td>No additional resources were listed</td>
<td>Additional resources were listed but were unclear and hard to utilize.</td>
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<td><strong>Citations</strong></td>
<td>Citations are not in APA format; no citations are used</td>
<td>Citations are in APA format, but are not properly used throughout the pamphlet</td>
<td>Proper citations in APA format are used throughout the pamphlet</td>
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<td><strong>Total</strong></td>
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*Notes listed on back of rubric*