AT 6176
Athletic Training
Research Project II
Spring 2022

Instructor: Dr. Yo-Rong Chen, PhD, LAT, ATC
Email: ychen@angelo.edu
Phone: (325)486-6507
Class Time: January 21st – March 11th; Friday; 12-2 PM
Classroom: HHS 114
Office Hours: Tuesday and Friday 10 AM-12 PM and by appointment
Office Number: HHS 224M

Course Information

Course Description
Students enrolled in this course will complete their research project started in AT 6175. Students will present their findings to the MAT students and HSP faculty.

Prerequisite Courses
AT 6175

Prerequisite Skills
Accessing Internet websites, using ASU Library resources, and proficiency with Microsoft Word and/or PowerPoint are expectations of the AT 6175.

Program Outcomes
Upon completion of the course, students will be prepared to:
Student Learning Outcomes

<table>
<thead>
<tr>
<th>CODE</th>
<th>Student Learning Outcome Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHP-87</td>
<td>By completing all course requirements, students will be able to: Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.</td>
</tr>
</tbody>
</table>

Course Delivery
This is a hybrid course with roughly 50% of the course delivered online via Blackboard. All of the course lectures and PowerPoints should be accessed via Blackboard.

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Weekly Assignment *</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1.0121</td>
<td>Discuss Student Project Status / Conference Info</td>
<td>Timeline for Completion *</td>
</tr>
<tr>
<td>W2.0128</td>
<td>Update Bibliography / Evidence-Based Practice (EBP)</td>
<td>Bibliography + EBP *</td>
</tr>
<tr>
<td>W3.0204</td>
<td>Statistics Recap and Confirm</td>
<td>Statistical Method and Report *</td>
</tr>
<tr>
<td>W4.0211</td>
<td>How to Create an Abstract</td>
<td>Conference Abstract *</td>
</tr>
<tr>
<td>W5.0218</td>
<td>How to Make a Poster</td>
<td>Conference Poster*</td>
</tr>
<tr>
<td>W6.0225</td>
<td>5 BY 5 Presentation</td>
<td>Presentation PPT (Thursday 5PM)</td>
</tr>
<tr>
<td>W7.0304</td>
<td>Presentation &amp;Manuscript</td>
<td>Manuscript Due.1 *</td>
</tr>
<tr>
<td>W8.0311</td>
<td>Check-In with Advisor</td>
<td>Manuscript Due.2*</td>
</tr>
</tbody>
</table>

1 https://blackboard.angelo.edu
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Weekly Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>† 0411</td>
<td>Graduation Symposium Deadline</td>
<td></td>
</tr>
<tr>
<td>† 0429</td>
<td>Graduation Symposium</td>
<td></td>
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</tbody>
</table>

* Dues for assignments are the following Wednesday by noon.
† The Graduate Research Symposium and Awards Ceremony is Friday, April 29, 2022 in the CJ Davidson Conference Center from 4:00 pm to 7:00 pm. The graduate application deadline is Monday, April 11, 2022.

**Communication**

Faculty will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday. The same expectation is required to master of athletic training students (see the rubric for Time and Communication Management). Students need to respond to the faculty and research advisors’ email and/or telephone messages with the same time manner in order to complete the course and to meet the program research requirement.

**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.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Points of Total Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time and Communication Management</td>
<td>150</td>
</tr>
<tr>
<td>W1. Timeline for Completion</td>
<td>80</td>
</tr>
<tr>
<td>W2. Bibliography + EBP</td>
<td>80</td>
</tr>
<tr>
<td>W3. Statistical Method and Data Report</td>
<td>80</td>
</tr>
<tr>
<td>W4. Conference Abstract</td>
<td>80</td>
</tr>
<tr>
<td>W5. Conference Poster</td>
<td>80</td>
</tr>
<tr>
<td>W6. Presentation PPT</td>
<td>200</td>
</tr>
<tr>
<td>W7. Manuscript Due.1</td>
<td>100</td>
</tr>
<tr>
<td>W8. Manuscript Due.2</td>
<td>150</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1000</strong></td>
</tr>
</tbody>
</table>

**Assessment**

The assessment will be graded by both the course instructor and the individual research advisor.
**Time and Communication Management (150/1000)**
To complete this course successfully, students need to show a professional-proactive attitude to initiate the conversation, solve the problems, and finish weekly assessments with time management. Weekly assignments are required to **1) submit on Blackboard under assignments and 2) email to research advisor and cc course instructor weekly by the assignment’s due day and time.** There are 16 submissions as total. Students who turn in greater than 15 assignments on time will score 150 points. Students who turn in 13-14 assignments on time will score 100 points. Students who turn in 11-12 assignments on time will score 50 points. Students who submit less than 10 assignments, will score 0 points.

**W1. Timeline for Completion (80/1000)**
The timeline is to assist students to complete the research project corresponding to the program calendar schedule. Students need to set up a timeline plan to complete the project, conference abstract, research poster, research presentation, and manuscript. The student needs to decide the targeted conference and follow the format/deadline to complete the tasks.

**W2. Bibliography + Evidence-Based Practice (80/1000)**
This assignment is to assist students to learn how to organize the complementary research resources, compare the clinical outcomes, recognize valuable arguments for research discussion, distinguish their research limitations, and identify the clinical purpose for their study. Students are required to find at least 6 research articles (published no later than 2018) and complete this assignment.

**W3. Statistical Method and Data Report (80/1000)**
In order to finalize the research analysis, students need to decide the specific statistical method and how to present the data. The descriptive and inferential statistic methods will be reviewed in week 3. The statistical methods should be confirmed and presented in the assignment (if the data collection is done) in this week.

**W4. Conference Abstract (80/1000)**
National Athletic Trainer Association, Southwest Athletic Trainers’ Association, and ASU Graduation Symposium conference poster abstract requirement will be introduced as a standard format to complete this assignment. The abstract format can be changed depending on the targeted conference. By this week, students should have research data, discussion, a conclusion to this project.

**W5. Conference Poster (80/1000)**
Sample posters, poster presentation strategies, tips to create posters will be introduced. Individual students need to design their poster and finalize their research posters format this week.
W6. 5 by 5 Presentation Introduction (50/1000)
The manuscript is one of the final products for this course. We will follow AMA citation format to complete this manuscript. 5 by 5 presentation strategy and requirements will be introduced in W6 and student presentation. In order to be consistent, AMA citation is required during the presentation. Due for PPT is on 03/03 Thursday by 5:00 PM. (See the rubric). W6. 5 by 5 Presentation PPT (50 points) is due by 03/03 Thursday by 5:00 PM (50/200).

W7. Presentation PPT (150/1000) & Manuscript Due.1 (100/1000)
5 by 5 presentation strategy and requirements will be introduced in W6. The presentation will be recorded and graded by the research advisor (50/1000), instructor (50/1000), and classmates (50/1000). (See the presentation grading rubric).

Students will turn in their first draft based on a template they received on March 9th. Students will receive feedback by the research advisor by the end of the same week. Students are required to modify their manuscript following the feedback they receive in order to submit it as the final draft for this course. Students are required to email the advisor and upload on the Blackboard for this assignment to receive the grade.

W8. Manuscript Due.2 (150/1000)
No in-person class will take place this week. Students who need individual meetings please make an appointment. The goal this week is to complete the manuscript into the final draft. This assignment will be graded by individual research advisor (100/150) and course instructor (50/150). Due for the manuscript is on the 03/16 Wednesday, by 12:00 PM. The grading rubric is attached on Blackboard.

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 = 900.00-1000 points
   B = 800.00-899.99 points
   C = 700.00-799.99 points
   D = 600.00-699.99 points
   F = 0-599.99 points (Grades are not rounded up)

This course is graded strictly on points NOT percentages. The amount of points you earn determines your grade in the course. I DO NOT ROUND UP GRADES at the end of the semester. It is
your responsibility to keep track of the total course points you have accumulated and take advantage of the bonus points available in the course.

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
All exams are closed book in class examinations. This means you are expected to take all exams on the scheduled date under the supervision of the instructor. Any absence during a scheduled time must be discussed on an individual basis with the instructor prior to the absence on when and if the exam may be made up.

Assignment Submission
All assignments MUST be submitted through the Assignments link in the Blackboard site. 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 ychen@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 Handbook²

² https://www.angelo.edu/student-handbook/
Required Use of Masks/Facial Coverings by Students in Class At ASU

As a member of the Texas Tech University System, Angelo State University has adopted the mandatory Facial Covering Policy 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, in compliance with the university policy students in this class are required to wear a mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

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 https://www.angelo.edu/catalogs/
4 https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php
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. 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 for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy 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.

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5 https://www.angelo.edu/services/disability-services/
6 https://www.angelo.edu/content/files/14197-op-1011-grading-procedures
7 https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php
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.\(^8\)

**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\(^9\) 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.

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\(^8\) [https://www.angelo.edu/dept/writing_center/academic_honesty.php](https://www.angelo.edu/dept/writing_center/academic_honesty.php)

\(^9\) [https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of](https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of)
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](http://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](http://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**

1. Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
2. Learning to apply course material (to improve thinking, problem solving, and decisions)
3. Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course.
4. Acquiring skills in working with others as a member of a team.
5. Learning to apply knowledge and skills to benefit others or serve the public good

*End of Syllabus*