

College of Health and Human Services
Department of Physical Therapy & Athletic Training

AT 501 – CLINICAL EDUCATION I
FALL 2021

Karen Hostetter, PhD, AT, ATC
C612a Phoenix Biomedical Campus
602-827-2673
karen.hostetter@nau.edu

Office Hours
By appointment

Credit Hours / Meeting Times: 3

Tuesdays 10:40-11:30 am in B202 or B205 (AT Classroom or Lab), AND Scheduled times with Clinical Preceptor (CP) at assigned clinical site (20-25 hours/semester)

Course Prerequisites:

Admittance to the MSAT professional program.

Course Description:

The purpose of this course is to review and evaluate clinical competency required by the NAU AT Program. Additionally, students will submit weekly reflections, semester evaluations (3), and complete a practical evaluation.

Typhon: Allied Health Student Tracking System:

Students and Preceptors will track core competencies using the Typhon system.
(<https://www.typhongroup.net/ahst/index.asp?facility=9378>)

Course Structure/Approach:

A brief review and overview lecture on a specified topic will be given weekly. Clinical Preceptors will help students practice clinical skills, as well as evaluate and document student competence in the application of clinical skills at the students' assigned clinical site(s). Practical skills may be assessed in class; however, the CP is responsible for evaluating the level of proficiency.

Textbooks/Materials (R=required, O=optional): Supplemental readings from scholarly journals may be required for students. The purpose of the scholarly journal readings is to expand on current knowledge obtained during the undergraduate experience, and to apply that knowledge at the clinical site when working with injured athletes.

Student Learning Outcomes (SLO) :

Upon successful completion of this course, the student will:

1. Demonstrate competence in the skills associated with this course (501A-501H; CAATE Standards 61, 65, 66, 78, 80, 85, 86, 90 – See Below)
2. Exemplify the qualities associated with being a 1st semester MSAT student (professionalism, communication, work ethic, engagement/participation)
3. Understand the roles and responsibilities of an athletic training student
4. Develop and attain student-specific goals related to being a first semester MSAT Student.
5. Demonstrate reflective journaling based on observations and learning that takes place during Interprofessional Practice Clinical Rotations.
6. Understand the roles and responsibilities of medical and allied healthcare providers, other than athletic trainers.

Assessment of Student Learning Outcomes (SLO) :

1. All competencies evaluated as “Competent” (“C” in Typhon) by Clinical Preceptor. (SLO 1)
2. Complete a practical exam with a score of 70% or greater. (SLO 1)
3. Preceptor input and evaluation of AT student using Pre, Mid, and End-Semester evaluations in Typhon. Evaluations indicate that the student demonstrates qualities associated with being a 1st semester MSAT student (professionalism, communication, work ethic, engagement/participation). (SLO 2, 3)
4. Clinical Preceptor evaluations of AT student (Pre, Mid, and End-Semester evaluations) indicate formative (pre & mid semester evaluations) and summative (end-semester evaluation) progress towards specific goals. (SLO 4)
5. Student reflections and patient encounters of weekly clinical experiences. (SLO 2, 3)
6. Successful completion of reflective journals for each week of the semester (14 total). Entries are meant to be reflective in nature to stimulate critical thinking concerning the integration of didactic skills with clinical practice. Students are not to submit a summary of what they did or observed during the clinical rotation, but rather a reflection of what they did and observed. (SLO 5 & 6)
7. Completion of 2 interprofessional practice clinical site rotations and evaluations of each site (SLO 2 & 6)*

*This Assessment may be completed during the spring semester of the first year, depending on timing of the assigned rotation.

Course Evaluation:

This course is graded **PASS/ FAIL**. Each item in each area (1-5 below) must be attempted and must meet the criteria described for each item. In addition, students must attain a minimum final grade of at least 70% to pass this course.

1. **Core Competencies (SLO 1) 40 points:** Core Competencies (501A – 501H) must be evaluated by the CP as Competent (C) in Typhon **prior to the 12/3/21 deadline**. Missing the due date for competencies will result in course failure. Anything less than “C” at the 12/3/21 deadline will result in a failing grade for the course.
 - a. Competency Blocks
 - i. Block 1 (501A & B) Due Friday, September 24, 2021 by 11:59 p.m.
 - ii. Block 2 (501C, D, E) Due Friday, October 29, 2021 by 11:59 p.m.
 - iii. Block 3 (501F, G, H) Due Friday, November 19, 2021 by 11:59 p.m.
 - iv. All competencies marked “C” in Typhon, Due 12/3/2021 by 11:59 p.m.
 - b. Competencies

Course Item	Standard Number	Standard Text
501A	61	Practice in collaboration with other health care and wellness professionals.
501B	65	Practice in a manner that is congruent with the ethical standards of the profession.
501C	66	Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines. Applicable laws and regulations include (but are not limited to) the following: • Requirements for physician direction and collaboration • Mandatory reporting obligations • Health Insurance Portability and Accountability Act (HIPAA) • Family Education Rights and Privacy Act (FERPA) • Universal Precautions/OSHA Bloodborne Pathogen Standards • Regulations pertaining to over-the-counter and prescription medications
501D	78	Select, fabricate, and/or customize prophylactic, assistive, and restrictive devices, materials, and techniques for incorporation into the plan of care, including the following:

		• Durable medical equipment • Orthotic devices • Taping, splinting, protective padding, and casting
501E	80	Develop, implement, and assess the effectiveness of programs to reduce injury risk.
501F	85	Monitor and evaluate environmental conditions to make appropriate recommendations to start, stop, or modify activity in order to prevent environmental illness or injury.
501G	86	Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.
501H	90	Establish a working relationship with a directing or collaborating physician. Annotation: This standard is specific to preparing an athletic trainer to fulfill the Board of Certification Standards of Professional Practice, specifically Standard 1, “The athletic trainer renders service or treatment under the direction of, or in collaboration with a physician, in accordance with their training and the state’s statutes, rules and regulations.”

Evaluations (SLO 2 & 3) 35 points - Students are expected to meet with their CP at 3 different times during the semester to discuss the pre, mid, and end-of-semester evaluations of the MSAT student by the CP. More than one failure to have the evaluations completed by the stated deadline (below) will result in a failing grade for the course. If you miss a deadline, the evaluation stills needs to be competed. Unsatisfactory scores on the end-semester evaluation may result in a failing grade for the course. In addition, students must complete an evaluation of their assigned clinical site, their assigned clinical preceptor, and an evaluation for each interprofessional practice clinical site. All evaluations are housed within the Typhon system.

- c. Pre-Semester Evaluation: Due no later than Friday, September 3 at 11:59 pm
- d. Mid-Semester Evaluation: Due no later than Friday, October 8 at 11:59 pm
- e. End-of-Semester Evaluation: Due no later than Friday, December 3 at 11:59 pm
- f. Student Evaluation of CP: Due no later than Friday, December 3 at 11:59 pm
- g. Student Evaluation of Clinical Site: Due no later than Friday, December 3 at 11:59 pm
 - i. Traditional Setting
 - ii. Orthopedic Setting (if assigned this semester)
 - iii. Rehabilitation Setting (if assigned this semester)

2. **Weekly Reflective Journals (SLO 2 and 3) 42 points:** Reflective journal entries are due through BbLearn every Sunday by 11:59 pm. The journals are to be reflective of the week’s experiences to stimulate critical thinking processes concerning the integration of didactic skills with clinical practice.
 - a. The reflective journal may be a place for you to reflect on issues with CPs and clinical sites, but please also report all potential issues with your CP and/or clinical site. If the issue is not resolved after speaking with your CP, please contact your assigned clinical coordinator.
 - b. The information in your journal will not be shared directly with CPs and feedback will be given weekly by the course instructor.
 - c. Repeated failure to be reflective will not be accepted and will be recorded as a non-submission.
 - d. Journal deadlines may only be missed twice, but all journals must be competed.
 - i. If a submission deadline is missed, the student has 48 hrs to submit the late journal (by Tuesday at 11:59 pm).
 1. More than 2 late journal submissions will result in a failing grade in the course
 2. You may only miss the 48 hr deadline once during the semester. More than one missed 48 hour deadline will result in a failing grade in the course.

e. Journal entries are due on the following dates by 11:59 p.m. (Sundays).

Journal 1 – 8/29

Journal 2 – 9/5

Journal 3 – 9/12

Journal 4 – 9/19

Journal 5 – 9/26

Journal 6 – 10/3

Journal 7 – 10/10

Journal 8 – 10/17

Journal 9 – 10/24

Journal 10 – 10/31

Journal 11 – 11/7

Journal 12 – 11/14

Journal 13 – 11/21

Journal 14 - 11/28 – (Culminating Reflective Journal regarding progress toward competence in clinical skills and All Experiences)

- 4. Patient Encounters (SLO 2) 50 points** – 50 patient encounters are required to be reported in the Typhon system. It is recommended that you submit at least 3-4 patient encounters per week. Students will select at least 4 patient encounters (two per IPP rotation) from their IPP rotations during the semester. Failure to complete all 50 patient encounters by December 3, 2021 will result in a failing grade for the course. Please pay close attention to the types of conditions and patient populations that you are required to evaluate/have exposure to during the MSAT program, and enter these conditions/exposures as patient encounters.

Patient Populations (Clinical Practice Opportunities)	Conditions Commonly Seen in Athletic Training
Populations throughout the lifespan (for example: pediatric, adult, elderly)	
Populations of different sexes	Behavioral (Mental Health) conditions
Populations with different socioeconomic statuses	Musculoskeletal conditions
Populations with varying levels of activity and athletic ability (for example: competitive and recreational, individual and team activities, high and low intensity activities)	Endocrine conditions
	Dermatological conditions
	Cardiovascular conditions
	Respiratory conditions
	Gastrointestinal conditions
	Genitourinary conditions
	Otolaryngological conditions
	Ophthalmological conditions
	Dental conditions
	Environmental conditions

5. Practical Exam (SLO 1) 20 points -

Students are expected to complete a practical exam to demonstrate clinical skills (dates beginning after Thanksgiving break). The practical exam content is based on the competencies assigned to this clinical course. Students must pass this practical exam with a minimum score of 70% in order to earn 100% of total points (e.g., 70-100% = 20 points; 65-69.9% = 15 points; 60-64.9% = 10 points; 55-59.9% = 5 points; < 55% = 0 points).

- 6. IPE Event Attendance (SLO 2 and 6) 5 pts:** Students will attend a minimum of one IPE event that has been approved by the course instructor. Students must upload the IPE event completion certificate of attendance into the Typhon system no later than December 3, 2021. Failure to submit completion certificate will result in a failing grade for the course.

7. **Attendance/Participation (SLO 2 & 3) 28 points** – Students in the Athletic Training Program are expected to attend all class meetings. Students should arrive to class on time and be ready for instruction or laboratory activities at the stated time. If a student needs to miss a class for any reason, they must notify the professor prior to the scheduled class. If unable to notify the professor prior to class due to unforeseen circumstances, notify the professor as soon as possible. Students must notify the professor BEFORE class with the reason for absence AND get a response that confirms the absence as either “unexcused” or “excused.” If students have an unexcused absence, they are not allowed at the clinical site that day/night. **More than 2 unexcused absences at the clinical rotation or in the didactic portion of the class in the semester will result in a failing grade for this course.**

Grading System:

Core Competencies	40 points
CP Evaluations of AT Student	15 points
AT Student Evaluations of CP and Clinical Sites	20 points
Reflective Journals (14)	42 points
Patient Encounters (50)	50 points
Practical Examination	20 points
IPE Event Completion	5 points
<u>Participation/Attendance</u>	<u>28 points</u>
TOTAL 220 points	

154 – 220	70-100%	= Pass
Below 154	<70%	= Fail

Course Policies

No late work is accepted in this course.

Attendance / Participation – Class attendance is mandatory. Any absences should be cleared with the instructor prior to missing class and arrangements should be made to make up any work that will potentially be missed. In the case of an unforeseeable situation, contact must be made with the instructor within 24 hours. Each absence will be reviewed by the instructor to determine if it’s excusable and if makeup assignments are going to be granted. Excused absences could be illness, university sponsored activities, and family or personal emergencies. It is noted that make up assignments for any portion of the course that is missed will be determined exclusively by the instructor and the individual student. These assignments shall assess similar objectives as the one missed but may come at a different class time or in a different format. Allowing a student to make up an assignment or course grade because of circumstances beyond their control will not warrant allowing other students the same make up. In the event you experience an unexcused absence, a 2% deduction from your final course percentage will occur. Each additional unexcused absence will result in a 5% deduction from your final percentage.

Attire – Please wear closed-toe shoes for class sessions held in the donor lab and athletic training lab. Long pants are required in the donor lab. Also, appropriate learning cannot take place in the classroom lab if students are not dressed appropriately. Students must have a t-shirt and shorts available for each class. Students who are not dressed appropriately for class or lab sessions will be asked to leave class. **This is paramount especially as we have limited in-person time together.**

Technology

Cell phones may not be used during class other than for purposes of accessing related apps. Laptops may only be used in class for LEARNING purposes, such as note taking and online research related to AT 520 and the day’s lesson. Out of respect for your peers and Dr. Hostetter please make sure that all cell phones are **turned off and put away before class begins.** Students using technology in any manner other than class-related

activities during class, or browsing the internet with any form of technology will be dismissed from class immediately. Repeated offenses will result in a meeting with Drs. Hostetter, and Edgerton.

Sensitive Course Materials

University education aims to expand student understanding and awareness. Thus, it necessarily involves engagement with a wide range of information, ideas, and creative representations. In the course of college studies, students can expect to encounter—and critically appraise—materials that may differ from and perhaps challenge familiar understandings, ideas, and beliefs. Students are encouraged to discuss these matters with faculty.

University Policies:

COVID Policies/Procedures - To allow flexibility to pivot as the path of this virus continues to evolve, please refer to the *Jacks Are Back* webpage: <https://nau.edu/jacks-are-back/> . Any necessary information and updates will be posted there throughout this academic year. Please be sure to visit and read through this information at the start of the semester and discuss with your instructor as necessary.

Statement on Academic Integrity – *Please see the University Academic Policies:*

<https://policy.nau.edu/policy/policy.aspx?num=100601>

Withdrawal Policy - *Please use the following link for drop/add and withdrawal dates*

<https://in.nau.edu/registrar/important-dates/>

Academic Contact Hour Policy –

Based on the Arizona Board of Regents Academic Contact Hour Policy (ABOR Handbook, 2-224), for every unit of credit, a student should expect, on average, to do a minimum of three hours of work per week, including but not limited to class time, preparation, homework, studying.

Visit the University’s website regarding Safe Working and Learning Environment, Students with Disabilities, Institutional Review Board, and Academic Integrity, via the Student Handbook Policies

at: <https://nau.edu/university-policy-library/by-subject/>

Tentative Course Schedule

Date	Day	Class #	Topic / Due
8/24	TU	1	Course Introduction; Typhon Information
8/29	SU		Reflection #1 Due
8/31	TU	2	Preventive Training Programs (Competency 501E)
9/3	FR		Pre-Semester Evaluation Due by 11:59 p.m.
9/5	SU		Reflection #2 Due
9/7	TU	3	AMA formatting – Guest Speaker (Dr. Root)
9/12	SU		Reflection #3 Due
9/14	TU	4	Durable Medical Equipment (Competency 501D)
9/19	SU		Reflection #4 Due
9/21	TU	5	Metacognitive Strategies
9/26	SU		Reflection #5 Due
9/28	TU	6	Second-year Rotations
10/3	SU		Reflection #6 Due
10/5	TU	7	Crutch and Cane Fitting (Competency 501D)
10/8	FR		Mid-Semester Evaluation Due by 11:59 p.m.
10/10	SU		Reflection #7 Due
10/12	TU	8	Environmental Monitoring Devices (Competency 501F)
10/17	SU		Reflection #8 Due
10/19	TU	9	Protective Equipment (Competency 501G)
10/24	SU		Reflection #9 Due
10/26	TU	10	Protective Equipment Removal & Spine Boarding (Competency 501D & F)
10/31	SU		Reflection #10 Due
11/2	TU	11	Vital Signs & PPE (Competency 501F)
11/7	SU		Reflection #11 Due
11/9	TU	12	Practical Exam (7 students)
11/14	SU		Reflection #12 Due
11/16	TU	13	Practical Exam (7 students)
11/21	SU		Reflection #13 Due
11/23	TU	14	Practical Exam (7 students)
11/28	SU		Culminating Reflection #14 Due
12/3	FR	15	• All Core Competencies marked “C” in Typhon • End-of-Semester Evaluation • Clinical Site Evaluation by Student* • Preceptor Evaluation by Student All Due by 11:59 p.m.

*There may be more than 1 of these if student was assigned to ortho and/or rehab rotations in the fall semester