

Online

Course Syllabus

COURSE: PTHA 1321.151 Pathophysiology for the Physical Therapist Assistant
SEMESTER: Summer
CLASS TIMES: Online
INSTRUCTOR: Kevin Beaugh, PT, MPT
OFFICE: AH 103F
OFFICE HOURS: Monday through Friday 9:00A – 11:00A, by appointment
OFFICE PHONE: 806-716-2518
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Facebook: <https://www.facebook.com/South-Plains-College-PTA-270314052992426/?ref=bookmarks>

"South Plains College improves each student's life."

GENERAL COURSE INFORMATION

It is the responsibility of each student to be familiar with the content and requirements listed in the course syllabus.

COURSE DESCRIPTION

The student will study the pathophysiology of diseases and conditions commonly encountered in physical therapy. Throughout the semester, we will address aspects of disease epidemiology, diagnosis, and treatment. The course will begin by establishing a framework for the basic disease processes before moving on to discussions of specific organ systems.

PRE-REQUISITES

MATH 1314, ENGL 1301, HUMA, SCIT 1407, PTHA 1301, PTHA 1405, PTHA 1413

STUDENT LEARNING OUTCOMES

At the completion of the course students will:
1. Describe the integration of systems related to the human body. a. Explain how individual systems are integrated to function together. b. List common diagnostic tests and procedures.
2. Differentiate differences in pathology related to age, gender, race, and ethnicity. a. Describe how responses to common pathologic conditions may vary with age, gender, and race. b. Identify selected pathologies for which racial or ethnic groups may be predisposed.
3. Recognize the risks related to poor health behaviors. a. Describe the consequences resulting from poor health behaviors. b. Describe the effects of modeling poor health behaviors.
4. Describe pathologies resulting from congenital and childhood diseases and conditions. a. Describe the function, anatomical components, and pathologies of congenital and childhood diseases and conditions. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to congenital and childhood diseases.
5. Describe pathologies related to the immune system. a. Describe the function, anatomical components, and pathologies of the immune system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the immune system.
6. Describe pathologies related to the endocrine system. a. Describe the function, anatomical components, and pathologies of the endocrine system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the endocrine system.
7. Describe pathologies related to the integumentary system.

<ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies of the integumentary system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the integumentary system.
<p>8. Describe pathologies related to the musculoskeletal system.</p> <ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies of the musculoskeletal system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the musculoskeletal system.
<p>9. Describe pathologies related to the digestive system.</p> <ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies of the digestive system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the digestive system.
<p>10. Describe pathologies related to the cardiopulmonary system.</p> <ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies of the respiratory system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the respiratory system. c. Describe the function, anatomical components, and pathologies of the circulatory system. d. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the circulatory system. e. Identify the direction of the blood flow through the heart and lungs.
<p>11. Describe pathologies related to the urinary system.</p> <ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies of the urinary system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the urinary system.
<p>12. Describe pathologies related to the neurological system.</p> <ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies of the nervous system. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the nervous system.
<p>13. Describe pathologies related to mental disorders.</p> <ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies of the mental disorders. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to the mental disorders.
<p>14. Describe pathologies related to trauma.</p> <ul style="list-style-type: none"> a. Describe the function, anatomical components, and pathologies related to trauma. b. Identify sign and symptoms, etiology, diagnosis, treatment, prognosis, and prevention related to trauma.
<p>15. Demonstrate generic abilities related to course content. (<i>Generic Abilities adapted from the Physical Therapy Program, University of Wisconsin-Madison, May et al. Journal of Physical Therapy Education, 9:1, Spring, 1995.</i>)</p> <ul style="list-style-type: none"> a. <i>Commitment to Learning</i> – Demonstrate the ability to self-assess, self-correct, and self-direct. Identify needs and sources of learning. Seek new knowledge and understanding. b. <i>Interpersonal Skills</i> – Demonstrate the ability to interact effectively with patients, families, colleagues, other health care professionals, and the community. Demonstrate the ability to effectively deal with cultural and ethnic diversity issues. c. <i>Communication Skills</i> – Demonstrate the ability to communicate effectively (i.e., speaking, body language, reading, writing, and listening) for a varied audiences and purposes. d. <i>Effective Use of Time</i> – Demonstrate the ability to obtain maximum benefit from a minimum investment of time and resources. e. <i>Use of Constructive Feedback</i> – Demonstrate the ability to identify sources and seek out feedback and to effectively use and provide feedback for improving personal interaction. f. <i>Problem-Solving</i> – Demonstrate the ability to recognize and define problems, analyze data, develop and implement solutions, and evaluate outcomes. g. <i>Professionalism</i> – Demonstrate the ability to exhibit appropriate professional conduct and to represent the profession effectively.

<ul style="list-style-type: none"> h. <i>Responsibility</i> – Demonstrate the ability to fulfill commitments and to be accountable for actions and outcomes. i. <i>Critical Thinking</i> – Demonstrate the ability to question logically; to recognize and differentiate facts, illusions, assumptions, and hidden assumptions; and to distinguish the relevant from the irrelevant. j. <i>Stress Management</i> – Demonstrate the ability to identify sources of stress and to develop effective coping behaviors.
16. Describe basic concepts related to the <i>APTA Guide to Physical Therapist Practice</i> .
<ul style="list-style-type: none"> a. Integrate basic concepts presented in the <i>APTA Guide to Physical Therapist Practice</i> related to course content.

COURSE OBJECTIVES

At the completion of this course the student will have:
1. Describe the integration of systems related to the human body.
2. Differentiate differences in pathology related to age, gender, race, and ethnicity.
3. Recognize the risks related to poor health behaviors.
4. Describe pathologies resulting from congenital and childhood diseases and conditions.
5. Describe pathologies related to the immune system.
6. Describe pathologies related to the endocrine system.
7. Describe pathologies related to the integumentary system.
8. Describe pathologies related to the musculoskeletal system.
9. Describe pathologies related to the digestive system.
10. Describe pathologies related to the cardiopulmonary system.
11. Describe pathologies related to the urinary system.
12. Describe pathologies related to the neurological system.
13. Describe pathologies related to mental disorders.
14. Describe pathologies related to trauma.
15. Demonstrate generic abilities related to course content.
16. Describe basic concepts related to the <i>APTA Guide to Physical Therapist Practice</i> .

EVALUATION METHODS

Computer-based exams, written assignments, quizzes, discussions and other projects as assigned.

ACADEMIC INTEGRITY

It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

Cheating - Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in the office are examples of cheating. Complete honesty is required of the student in the presentation of any and all phases of coursework. This applies to quizzes of whatever length, as well as final examinations, to daily reports and to term papers.

Plagiarism - Offering the work of another as one's own, without proper acknowledgment, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines and other reference works, or from themes, reports or other writings of a fellow student, is guilty of plagiarism.

BLACKBOARD

Blackboard is an e-Education platform designed to enable educational innovations everywhere by connecting people and technology. This educational tool will be used in this course throughout the semester.

FACEBOOK (<https://www.facebook.com/South-Plains-College-PTA-270314052992426/?ref=bookmarks>)

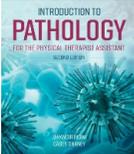
The PTA Program has a Facebook page (link indicated above). In addition to the South Plains College website, this Facebook page may be used to keep students up-to-date on program activities, weather delays, South Plains College announcements and will help with program recruitment. “Liking” the South Plains College PTA Program Facebook page is not mandatory, nor are personal Facebook accounts, in order to access this page.

APPLICABLE SCANS COMPETENCIES AND FOUNDATION SKILLS

Applicable Foundation Skills and SCANS Competencies are listed below. Refer also to Course Objectives listed above.

SPECIFIC COURSE INFORMATION

TEXT AND MATERIALS

Title		Author(s)	Publisher	ISBN
Introduction to Pathology for the PTA (2 nd Ed.) (primary text)		Moini & Chasey	Jones & Bartlett	9781284179361
Physical Therapy Clinical Handbook for PTA (3rd Ed.) (required)		Kulinski	Jones & Bartlett	9781284105568
Medical Terminology Express (optional)		Gyls/Masters	FA Davis	9780803640320

ADDITIONAL CLASSROOM ITEMS

Students should attend weekly discussions prepared with necessary technology to attend/participate and having completed quizzes prior to discussion. Students should be prepared to take notes over discussion material if they choose.

ATTENDANCE POLICY (*READ CAREFULLY)

Students are expected to attend all classes in order to be successful in a course. The student may be administratively withdrawn from the course when absences become excessive as defined below.

When an unavoidable reason for class absence arises, such as illness, an official trip authorized by the college or an official activity, the instructor may permit the student to make up work missed. It is the student’s responsibility to complete work missed within a reasonable period of time as determined by the instructor. Students are officially enrolled in all courses for which they pay tuition and fees at the time of registration. Should a student, for any reason, delay in reporting to a class after official enrollment, absences will be attributed to the student from the first class meeting.

Students who enroll in a course but have “Never Attended” by the official census date, as reported by the faculty member, will be administratively dropped by the Office of Admissions and Records. A student who does not meet the attendance requirements of a class as stated in this course syllabus and does not officially withdraw from that course by the official census date of the semester, may be administratively withdrawn from that course and receive a grade of “X” or “F” as determined by the instructor. Instructors are responsible for clearly stating their administrative drop policy in the course syllabus, and it is the student’s responsibility to be aware of that policy.

It is the student's responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment.

(http://catalog.southplainscollege.edu/content.php?catoid=47&navoid=1229#Class_Attendance)

Due to the importance of the patient care information being taught, the instructor of this course defines excessive absences as missing a third class day (or having equivalent tardies) in a course section. A student who meets this criteria will be administratively dropped from the course by the instructor.

- Tardies: (Definition): arriving any time after the class has started or not returning from an approved break after class has started.
- Three tardies will be considered missing one class day and counted as such.
- Work schedule is not an excuse for missing class.
- Any exceptions to this policy must be discussed on an individual basis with the course instructor and the PTA Program Director. (i.e. – student hospitalization, immediate family member death, etc.)

ASSIGNMENT POLICY

All assignments must be completed by the assigned due date. Late and/or incomplete assignments will not be accepted and a grade of zero will be recorded. Quizzes will be administered to determine student's preparedness to participate in discussion. The student will be permitted to join the discussion after completing the pertinent quizzes. An absence/tardy will be recorded if this requirement results in an absence or late arrival. Assignments, quizzes, exams, and discussions that are missed due to an unexcused absence may not be made up. See the instructor for more specific information.

COMPUTER USAGE

As computer technology in the field of health occupations continues to become more popular, computers will be used in this course for several assignments. All students have access to computers and printers on the South Plains College campus. Students will be expected to utilize computers to access assignments and classroom resources. All registered students are supplied with a working email account from South Plains College. In order to take exams, students must have their username and password.

ALL STUDENTS ARE EXPECTED TO KNOW THEIR SPC STUDENT USERNAME AND PASSWORD.

COMPUTER LAB USAGE

The computer lab(s) on any campus may be used by students during scheduled open hours or as assigned by an instructor. Printer paper will not be provided for students to print materials but students may seek assistance from faculty or staff to request lab paper from the college if needed.

EXAMS

The exams will be administered via computer to simulate the NPTE-PTA. Additionally, many exam questions will be constructed in the same manner as NPTE-PTA questions, allowing students to prepare for that testing format.

- Students are required to earn a 75% or higher lecture exam average.
- Students are expected to complete the exams within the time frame allowed (1 hour for Exams 1-3; 90 minutes for Final Exam).

GRADING POLICY

A minimum of 75% on all exams and assignments is required to receive a passing grade for that exam or assignment. Students must earn an overall grade of 75% or better for each course section to pass that section. Students who fall below this requirement will not be allowed to continue in the PTA Program.

Final semester grades will be based on the accumulation of points:

OPPORTUNITY	POINTS PER	TOTAL POINTS
Exams (3)	266.67 ea.	800
Final Exam	400	400
Reading Quizzes (23)	11 ea.	253
Review Discussions (10)	4 ea.	40
Exploration Discussions (10)	12 ea.	120
End-of-Chapter Questions (30)	1 ea.	30
Flipgrid Participation (45)	4 ea.	180
Patho Pamphlets (3)	10 ea.	30
Mindmap Assignments (24)	4 ea.	96
Patho Article Reviews (10)	4 ea.	40
Self-Reflection/Self-Reinforcement Journals (24)	2.5 ea.	60
Patho Poetry (10)	10 ea.	100

Grading Scale:

1934-2149	A
1719-1933	B
1611-1718	C
Below 1611	F

Midterm Performance : A student who has an overall exam average below 77% will contact the course instructor to arrange a meeting to develop a learning contract, which will outline the student’s academic issues, interventions to address these issues, and assessment of the student’s participation/completion of these interventions. This is not a disciplinary action, but an individualized plan to improve the student’s performance.

COMMUNICATION POLICY

Electronic communication between instructor and students in this course will utilize each student’s indicated preferred email address, and may also utilize text messaging. Students are encouraged to check email on a daily basis, and respond to emails within 24 hours. Students will have access to assignments, web-links, handouts, and other vital material which will be delivered via Blackboard. Any student having difficulty accessing Blackboard or their email should immediately contact their instructor for direction. The instructor will work with any student to ensure the student has access to a computer on campus and can obtain the needed class content that is located on Blackboard.

CAMPUS CARRY

Campus Concealed Carry - Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to the SPC policy at: (http://www.southplainscollege.edu/human_resources/policy_procedure/hhc.php) Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

PREGNANCY ACCOMMODATIONS STATEMENT

If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student’s responsibility to work with the instructor to arrange accommodations. Contact Crystal Gilster, Director of Health and Wellness at 806-716-2362 or email cgilster@southplainscollege.edu for assistance.

STUDENT CONDUCT

Rules and regulations relating to the students at South Plains College are made with the view of protecting the best interests of the individual, the general welfare of the entire student body and the educational objectives of the college. As in any segment of society, a college community must be guided by standards that are stringent enough to prevent disorder, yet moderate enough to provide an atmosphere conducive to intellectual and personal development.

A high standard of conduct is expected of all students. When a student enrolls at South Plains College, it is assumed that the student accepts the obligations of performance and behavior imposed by the college relevant to its lawful missions, processes and functions. Obedience to the law, respect for properly constituted authority, personal honor, integrity and common sense guide the actions of each member of the college community both in and out of the classroom.

Students are subject to federal, state and local laws, as well as South Plains College rules and regulations. A student is not entitled to greater immunities or privileges before the law than those enjoyed by other citizens. Students are subject to such reasonable disciplinary action as the administration of the college may consider appropriate, including suspension and expulsion in appropriate cases for breach of federal, state or local laws, or college rules and regulations. This principle extends to conduct off-campus which is likely to have adverse effects on the college or on the educational process which identifies the offender as an unfit associate for fellow students.

Students are expected to follow the ethics and rules of professional conduct as outlined in the student handbook. Unprofessional conduct on the part of a student as outlined in the student handbook results in dismissal from the PTA program.

Any student who fails to perform according to expected standards may be asked to withdraw.

Rules and regulations regarding student conduct appear in the current Student Guide.

SPECIAL REQUIREMENTS (*Read Carefully)

- Students must complete the Acknowledgment Quiz found in the “Start Here!” folder on Blackboard to indicate that the student has read and understands the content of syllabus, topics outline, assignment calendar, PTA Program and Clinical Experience handbooks, grievance policy, and appeals process. **This is due by the end of the day on Monday of Week 1.**
- **Cell Phones/Tablets/Computers** – Internet-enabled devices should ONLY be used for classroom purposes while the student is in class. It is expected that the student will excuse him- or herself, and conduct personal business (including phone calls, text messaging, social media usage, instant messaging, chatting, etc.) outside of the classroom. Devices are expected to be silenced during class/discussion times. If a phone sounds during class/discussion or a student is found to be conducting non-class/discussion-related activities, the student will be asked to leave class/discussion and receive one unexcused absence for the first incident. Students are not allowed to access electronic devices (cell phones, smart watches, etc.) during exams.
- **Class Dress Code** – Students are expected to follow the dress code as stated in the PTA student Handbook.
WHAT NOT TO WEAR : torn jeans, low cut blouses, short shorts, T-shirts with offensive writing and/or logos.

COURSE DISCLAIMER

You may not apply what you are learning to the general public. You are a student PTA and are learning physical therapy techniques. You may only practice these skills on each other when you are in lab under the course instructor’s supervision. If you are presently working in a clinic you cannot practice these skills on patients. Once you have passed the class, you still cannot practice the acquired skills in a clinic. You will only be permitted to apply these skills to the general public under a clinical instructor’s supervision once you begin your clinical internships.

Additionally, enrollment in this course does not guarantee a passing grade, successful completion of the PTA curriculum, or passing NPTE-PTA and resultant licensure. Your successful completion of all courses, passing NPTE-PTA, and completion of State Board of PT requirements is necessary to work as a PTA.

ACCOMMODATIONS

DIVERSITY STATEMENT

In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

DISABILITIES STATEMENT

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland Student Health & Wellness Center 806-716-2577, Reese Center (also covers ATC) Building 8: 806-716-4675, Plainview Center Main Office: 806-716-4302 or 806-296-9611, or the Health and Wellness main number at 806-716-2529.

FOUNDATION SKILLS

BASIC SKILLS—Reads, Writes, Performs Arithmetic and Mathematical Operations, Listens and Speaks

F-1 **READING**—locates, understands, and interprets written information in prose and in documents such as manuals, graphs, and schedules.

F-2 **WRITING**—communicates thoughts, ideas, information and messages in writing and creates documents such as letters, directions, manuals, reports, graphs, and flow charts.

F-3 **ARITHMETIC**—performs basic computations; uses basic numerical concepts such as whole numbers, etc.

F-4 **MATHEMATICS**—approaches practical problems by choosing appropriately from a variety of mathematical techniques.

F-5 **LISTENING**—receives, attends to, interprets, and responds to verbal messages and other cues.

F-6 **SPEAKING**—organizes ideas and communicates orally.

THINKING SKILLS—Thinks Creatively, Makes Decisions, Solves Problems, Visualizes and Knows How to Learn and Reason

F-7 **CREATIVE THINKING**—generates new ideas.

F-8 **DECISION-MAKING**—specifies goals and constraints, generates alternatives, considers risks, evaluates and chooses best alternative.

F-9 **PROBLEM SOLVING**—recognizes problems, devises and implements plan of action.

F-10 **SEEING THINGS IN THE MIND'S EYE**—organizes and processes symbols, pictures, graphs, objects, and other information.

F-11 **KNOWING HOW TO LEARN**—uses efficient learning techniques to acquire and apply new knowledge and skills.

F-12 **REASONING**—discovers a rule or principle underlying the relationship between two or more objects and applies it when solving a problem.

PERSONAL QUALITIES—Displays Responsibility, Self-Esteem, Sociability, Self-Management, Integrity and Honesty

F-13 **RESPONSIBILITY**—exerts a high level of effort and perseveres towards goal attainment.

F-14 **SELF-ESTEEM**—believes in own self-worth and maintains a positive view of self.

F-15 **SOCIABILITY**—demonstrates understanding, friendliness, adaptability, empathy and politeness in group settings.

F-16 **SELF-MANAGEMENT**—assesses self accurately, sets personal goals, monitors progress and exhibits self-control.

F-17 **INTEGRITY/HONESTY**—chooses ethical courses of action.

The Secretary's Commission on Achieving Necessary Skills (SCANS) COMPETENCIES

RESOURCES

C-1 **TIME** - Selects goal-relevant activities, ranks them, allocates time, prepares and follows schedules.

C-3 **MATERIALS AND FACILITIES** - Acquires, stores, allocates, and uses materials or space efficiently.

C-4 **HUMAN RESOURCES** - Assesses skills and distributes work accordingly, evaluates performances and provides feedback.

INFORMATION

C-5 **ACQUIRES AND EVALUATES INFORMATION**

C-6 **ORGANIZES AND MAINTAINS INFORMATION**

C-7 **INTERPRETS AND COMMUNICATES INFORMATION**

C-8 **USES COMPUTERS TO PROCESS INFORMATION**

INTERPERSONAL

C-9 **PARTICIPATES AS A MEMBER OF A TEAM** - contributes to group effort.

C-10 **TEACHES OTHERS**

C-11 **SERVES CLIENTS/CUSTOMERS**—works to satisfy customer's expectations.

C-12 **EXERCISES LEADERSHIP**—communicates ideas to justify position, persuades and convinces others, responsibly challenges existing procedures and policies.

C-13 **NEGOTIATES**-works toward agreements involving exchanges of resources; resolves divergent interests.

C-14 **WORKS WITH CULTURAL DIVERSITY**—works well with men and women from diverse backgrounds.

SYSTEMS – Understands Complex Interrelationships

C-15 **UNDERSTANDS SYSTEMS**—knows how social, organizational, and technological systems work and operates effectively with them.

C-16 **MONITORS AND CORRECTS PERFORMANCE**—distinguishes trends, predicts impacts on system operations, diagnoses systems performance and corrects malfunctions.

C-17 **IMPROVES OR DESIGNS SYSTEMS**—suggests modifications to existing systems and develops new or alternative systems to improve performance.

TECHNOLOGY

C-18 **SELECTS TECHNOLOGY**—chooses procedures, tools, or equipment, including computers and related technologies.

C-19 **APPLIES TECHNOLOGY TO TASK**—understands overall intent and proper procedures for setup and operation of equipment.

C-20 **MAINTAINS AND TROUBLESHOOTS TECHNOLOGY**—prevents, identifies, or solves problems with equipment, including computers and other technologies.

COURSE OUTLINE AND CALENDARS

WEEK	TOPIC	READING	QUIZZES
WEEK 1 Patho Paragons @ 6/7 2:15P Patho Prodigies @ 6/7 3:30P Patho Puissants @ 6/8 12:15P	Introduction to PTHA 1321	Blackboard's "START HERE"	Reading Quiz 1 (Ch 1-2) Reading Quiz 2 (Ch 3&7) DUE Mon., June 6 th 11:59P
	Intro to Pathophysiology	Ch.s 1 & 2 (pages 3 – 32)	
	Cellular Injury and Cell Death	Chapter 3 (pages 33 – 48)	
	Inflammation and Healing	Chapter 7 (pages 121 – 130)	
WEEK 2 Patho Paragons @ 6/14 2:15P Patho Prodigies @ 6/14 3:30P Patho Puissants @ 6/15 12:15P	Genetic and Congenital Disorders	Chapter 4 (pages 49 – 68)	Reading Quiz 3 (Ch 4) Reading Quiz 4 (Ch 5) DUE Mon., June 13 th 11:59P
	Oncology	Chapter 5 (pages 69 – 86)	
WEEK 3 Patho Paragons @ 6/21 2:15P Patho Prodigies @ 6/21 3:30P Patho Puissants @ 6/22 12:15P	Infectious Diseases	Chapter 6 (pages 89 – 120)	Reading Quiz 5 (Ch 6) Reading Quiz 6 (Ch 8) DUE Mon., June 20 th 11:59P
	Immunologic Disorders	Chapter 8 (pages 131 – 166)	
EXAM 1 (THURSDAY, JUNE 23rd 2:15P – 3:15P on-campus)			
WEEK 4 Patho Paragons @ 6/28 2:15P Patho Prodigies @ 6/28 3:30P Patho Puissants @ 6/29 12:15P	Skeletal Disorders	Ch.s 9 & 10 (pages 169 – 203)	Reading Quiz 7 (Ch 9&10) Reading Quiz 8 (Ch 10&11) DUE Mon., June 27 th 11:59P
	Joint and Soft Tissue Disorders	Ch.s 10 & 11 (pages 203 – 232)	
WEEK 5 Patho Paragons @ 7/5 2:15P Patho Prodigies @ 7/5 3:30P Patho Puissants @ 7/6 12:15P	Central Nervous System Disorders	Chapter 12 (pages 233 – 262)	Reading Quiz 9 (Ch 12) Reading Quiz 10 (Ch 13) DUE Mon., July 4 th 11:59P
	Peripheral Nervous System Disorders	Chapter 13 (pages 263 - 282)	
WEEK 6 Patho Paragons @ 7/12 2:15P Patho Prodigies @ 7/12 3:30P Patho Puissants @ 7/13 12:15P	Cardiac Disease	Chapter 14 (pages 283 - 298)	Reading Quiz 11 (Ch 14) Reading Quiz 12 (Ch 14&16) DUE Mon., July 11 th 11:59P
	Vascular Diseases	Ch.s 14 & 16 (pages 298 – 312, 345 – 356)	
EXAM 2 (THURSDAY, JULY 14th 2:15P – 3:15P on-campus)			
WEEK 7 Patho Paragons @ 7/19 2:15P Patho Prodigies @ 7/19 3:30P Patho Puissants @ 7/20 12:15P	Blood Disorders	Chapter 15 (pages 313 – 344)	Reading Quiz 13 (Ch 15) Reading Quiz 14 (Ch 17) DUE Mon., July 18 th 11:59P
	Integumentary System Disorders	Chapter 17 (pages 357 – 378)	
WEEK 8 Patho Paragons @ 7/26 2:15P Patho Prodigies @ 7/26 3:30P Patho Puissants @ 7/27 12:15P	Respiratory System Disorders	Chapter 18 (pages 379 – 410)	Reading Quiz 15 (Ch 18) Reading Quiz 16 (Ch 19) DUE Mon., July 25 th 11:59P
	Digestive System Disorders	Chapter 19 (pages 411 – 444)	
WEEK 9 Patho Paragons @ 8/2 2:15P Patho Prodigies @ 8/2 3:30P Patho Puissants @ 8/3 12:15P	Urinary System Disorders	Chapter 20 (pages 445 – 462)	Reading Quiz 17 (Ch 20) Reading Quiz 18 (Ch 21) Reading Quiz 19 (Ch 22) DUE Mon., Aug. 1 st 11:59P
	Fluid, Electrolyte, Acid-Base Imbalances	Chapter 21 (pages 463 – 476)	
	Endocrine System Disorders	Chapter 22 (pages 477 – 500)	
EXAM 3 (THURSDAY, AUGUST 4th 2:15P – 3:15P on-campus)			
WEEK 10 Patho Paragons @ 8/9 2:15P Patho Prodigies @ 8/9 3:30P Patho Puissants @ 8/10 12:15P	Male-Specific Disorders	Chapter 23 (pages 501 - 512)	Reading Quiz 20 (Ch 23) Reading Quiz 21 (Ch 24) Reading Quiz 22 (Ch 25) Reading Quiz 23 (Ch 26) DUE Sun., Aug. 7 th 11:59P
	Female-Specific Disorders	Chapter 24 (pages 513 - 534)	
	Occupational Disorders	Chapter 25 (pages 537 - 546)	
	Psychological Disorders	Chapter 26 (pages 547 - 560)	
FINAL EXAM (THURSDAY, AUGUST 11th 11:30A – 1:00P on-campus)			