



**MSM 6005 INTRODUCTION TO PATIENT ASSESSMENT
FALL 2023**

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**PLNU Mission
To Teach ~ To Shape ~ To Send**

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

COURSE DESCRIPTION

This course is designed to introduce the student to patient history taking, physical examination, communication, and the medical documentation skills that are necessary for patient assessment and medical practice. Students will perform system-based physical examinations. In addition, students will have the opportunity to practice their skills with assigned lab partners, simulated patients, and standardized patients.

COURSE GOALS

The student will be provided the opportunity to:

1. Perform the appropriate physical examination for a patient;
2. Develop an appropriate write-up for the patient that documents the physical examination;

3. Utilize appropriate medical terminology, abbreviation, and nomenclature for documentation;
4. Gain appreciation for the significance of the data gathered in formulating management plans for the care of the patient;
5. Present the information gathered clearly and concisely, either verbally and/or in writing to the supervising faculty member.

PROGRAM LEARNING OUTCOMES

The content in this course will contribute to the student's proficiency in this/these area(s):

1. Gather a history and perform a physical examination. (MK, IC, PC, PR, SB)
5. Document a clinical encounter in the patient record. MK, IC, PC, PR
12. Perform the general procedures of a physician assistant. MK, IC, PC, PR, PB, SB

COURSE LEARNING OUTCOMES

At the conclusion of this course the student will demonstrate the following skills and knowledge at, minimally, at the ADVANCED BEGINNER level:

1. Obtain accurate, complete and problem-focused patient histories with appropriate techniques and effective organization, time management, and communication skills. [Eval] (PC2; MK1; IC1; IC7; PR1; PR3; PR5)
2. Conduct complete and problem-focused physical examinations with appropriate technique to distinguish normal/abnormal findings with effective organization, time management, and use of diagnostic tools. [Eval] (PC2; MK1; IC1; IC7; PR1; PR3; PR5)
3. Demonstrate effective, patient-centered communication skills to establish a professional relationship, convey empathy, elicit historical information, and provide education. [Apply] (IC1; IC7)
4. Construct and deliver oral case presentations-based information from history-taking and the physical examination in a standardized format. [Analyze](PC2; PC6; IC1; IC2; PB1; PR1; PR3)
5. Document information gathered from history-taking and the physical examination in a standardized format. [Apply] (PC 4; PC5; PR4; SB1; IC1; IC2; IC5)
6. Apply the foundational principles of medical/professional ethics and a standardized approach to identify, analyze, and resolve ethical dilemmas, which present in the examination room. [Apply](PR6)

Initials indicate PA core competency required to meet the PLO/CLO.

PA Core Competencies:

MK = Medical Knowledge	IC = Interpersonal Skills & Communication	PC = Patient Care
PR = Professionalism	PB = Practice-based Learning	SB = Systems-based Practice

INSTRUCTIONAL OBJECTIVES:

Upon completion of the **INTERVIEWING** section of the course, the student will be able to:

1. Demonstrate effective communication when gathering a patient's medical history to include: Application, B2.04
 - a. Using active listening skills
 - b. Recognizing patient speech patterns and body language.
 - c. Using open-ended questions
 - d. Empathy and appropriate reassurance
 - e. Facilitating interviews with patients to whom you have a negative response
 - f. Sensitivity to cultural perspectives and approaches to health
2. Elicit and document the complete history including: Application, B2.04, B2.07a
 - a. chief complaint
 - b. history of present illness
 - c. past medical history
 - d. family medical history
 - e. occupational and environmental history
 - f. Psychosocial/spiritual history
 - g. Sexual/reproductive history
 - h. Review of systems
3. Demonstrate the ability to create and maintain good rapport with patients. Application, B2.04
4. Demonstrate respect and concern for patients and their well-being. Application, B2.04
5. Demonstrate an efficient closure to the history and transition to the physical examination. Application, B2.04, B2.07a
6. Demonstrate patient education skills including the ability to give bad news to the patient and family. Application, B2.04
7. Discuss how to establish rapport with patients to create an environment for counseling on wellness and disease prevention. Comprehension, B2.04
8. Conduct patient counseling in a concerned and compassionate manner. Application, B2.12a
9. Demonstrate patient counseling that differentiates between: Application
 - a. Supportive Counseling: the goal is to give temporary support and help the person to gain strength and the resources to cope. B2.12c
 - b. Preventive Counseling is used to stop problems before they start or to prevent things from getting worse. B2.12b
10. Demonstrate the ability to create a safe space for a patient to discuss their sexuality including LGBTQI but not limited to patient's sexual orientation. Application, B2.06(c)(e)
11. Discuss strategies to assist patients in adhering to treatment plans. Comprehension, B2.07f, B2.12a
12. Demonstrate the use of effective health coaching strategies. Application, B2.12b

Upon completion of the **TEMPERATURE** section of the course, the student will be able to:

1. Explain the normal ranges of temperature and common causes of normal and abnormal variations. Comprehension, B2.07b
2. List the indications for and methods of obtaining temperature measurements from various sites. Knowledge, B2.07b
3. Explain specific patterns of fever presentation including fever of unknown origin. Comprehension, B2.07c

Upon completion of the **PULSE** section of the course, the student will be able to:

1. Using appropriate techniques, obtain and record an accurate pulse from common sites.
Application, B2.07b, B2.09
2. Explain the normal characteristics of pulse rate, rhythm, amplitude and contour. Comprehension, B2.07b
3. List common physiologic and pathologic conditions that can alter characteristics of pulse rate, rhythm, amplitude, contour and beat-to-beat variations. Knowledge, B2.07c

Upon completion of the **RESPIRATION** section of the course, the student will be able to:

1. Obtain an accurate respiratory rate and explain patterns of rhythm, rate and character in patients of varying ages. Application, B2.07b, B2.09
2. Explain the mechanics of respiration. Comprehension, B2.07b
3. Recognize specific abnormalities of respiration caused by common diseases including: obstructive lung disease; metabolic disease; restrictive lung disease; central nervous system disease. Knowledge, B2.07b, B2.07c
4. Correlate percussion and auscultatory findings with pathological conditions. Analysis, B2.07b, B2.07c

Upon completion of the **BLOOD PRESSURE** section of the course, the student will be able to:

1. Explain the mechanisms that affect the production of blood pressure. Comprehension, B2.07b
2. List the components of Korotkoff's sounds and explain their role in the measurement of blood pressure. Knowledge, B2.07b
3. Explain the equipment necessary for BP measurement as well as indications for using equipment of differing sizes and placement. Comprehension, B2.07b
4. Explain normal ranges of blood pressure. Comprehension, B2.07b
5. Define hypertension and hypotension. Knowledge, B2.07b, B2.07c
6. List common conditions that cause abnormally high and abnormally low blood pressure. Knowledge, B2.07b, B2.07c
7. Explain and perform the techniques for measuring auscultatory and palpatory BPs. Comprehension, B2.07b, B2.09
8. Explain common errors in BP technique that can cause erroneous measurements. Comprehension, B2.07b

Upon completion of the **GENERAL SURVEY** section of the course, the student will be able to:

1. Explain methods of incorporating the general survey into the overall format of the medical encounter. Comprehension, B2.07b
2. Identify and explain features in the patient's appearance that may suggest illness including: body habitus, growth and development; nutrition; skeletal proportions; symmetry; personal hygiene; dress/grooming; skin and hair condition; odors; posture. Knowledge, B2.07b
3. Identify and explain features of patient behavior that may suggest illness including: movement; mood; speech; state of consciousness; facial expression; signs of distress. Knowledge, B2.07b, B2.07c

Upon completion of the **SKIN** section of the course, the student will be able to:

1. Use and explain standard terms used in classifying skin lesions including: Comprehension, B2.07b
 - a. Primary Lesions: macule, patch, patch, plaque, nodule, tumor, wheal, vesicle, bulla, pustule
 - b. Secondary Lesions: oozing, crust, scale, lichenification, erosion, atrophy, nevus, comedo, fissure, ulcer, scar, excoriation, telangiectasias
 - c. Distribution/Location: local, generalized, bilateral, unilateral, symmetrical, universal
 - d. Shape/Arrangement: annular, linear, target, iris, serpiginous, single, grouped, geographical, umblicated, vegetating, verrucous
 - e. Physical Characteristics: moisture (dry, wet, macerated); texture/consistency (soft, indurated, resilient, hard, fluctuant)
 - f. Color/Patterns Dominant Hues: white, carotenoid, erythematous, cyanotic, flesh, silvery, melanotic
2. Recognize and explain common skin lesions including: vitiligo, purpura, petechia, urticaria/hive, chicken pox, impetigo, psoriasis, ringworm, tinea pedis, contact dermatitis, herpes zoster/simplex, atopic dermatitis/eczema, wart, skin cancer (basal, squamous, melanoma), café-au-lait, Mongolian spots Comprehension, B2.07b, B2.07c
3. Recognize and explain common nail abnormalities including: paronychia, psoriatic nail pitting, splinter hemorrhages, clubbing, and trauma Comprehension, B2.07b, B2.07c
4. Recognize and explain common hair abnormalities including: trichotillomania, Hirsutism, male pattern baldness, alopecia areata, traction alopecia Comprehension, B2.07b, B2.07c

Upon completion of the **HEAD AND FACE** section of the course, the student will be able to:

1. Identify common anatomical terms and boney landmarks used in describing the location of physical findings in the head and face exam Knowledge, B2.07b
2. Recognize and explain items of inspection and palpation of the head and face including: malformations; scalp lesions; areas of tenderness; hair distribution; hair condition; distinctive facies; facial symmetry/expression; facial edema/color/lesions Comprehension, B2.07b

Upon completion of the **EYE** section of the course, the student will be able to:

1. Identify basic anatomical structures of the internal and external eye Knowledge, B2.07b
2. Explain and perform elements of the comprehensive eye exam including: visual acuity; visual fields; inspection of external structures; papillary responses; extraocular muscle function; fundoscopy Application, B2.07b
3. Recognize and explain common ocular abnormalities including: Comprehension, B2.07b, B2.07c
 - a. Conjunctival disorders
 - i. Conjunctivitis
 - b. Corneal disorders
 - i. Cataract
 - ii. Corneal ulcer
 - iii. Corneal arcus
 - iv. Infections
 - v. Keratitis
 - vi. Pterygium

- c. Lacrimal disorders
 - i. Dacrocystitis
- d. Lid disorders
 - i. Chalazion
 - ii. Hordeolum/stye
 - iii. Ectropion
 - iv. Entropion
 - v. Blepharitis
 - vi. Ptosis
 - vii. Xanthelasma
- e. Neuro-ophthalmologic disorders
 - i. Nystagmus
 - ii. Optic disc defects
 - iii. Optic neuritis
 - iv. Papilledema
- f. Orbital disorders
 - i. Orbital cellulitis
 - ii. Exophthalmos
- g. Pupil disorders
 - i. Anisocoria
- h. Retinal disorders
 - i. Macular degeneration
 - ii. Retinal detachment
 - iii. Retinopathy
 - iv. Diabetic retinopathy
 - v. Hypertensive retinopathy
- i. Trauma
 - i. Blowout fracture
 - ii. Corneal abrasion
 - iii. Globe rupture
 - iv. Hyphema
- j. Uveal disorders
 - i. Uveitis
 - ii. Iritis
- k. Vascular disorders
 - i. Retinal vascular occlusion
- l. Vision abnormalities
 - i. Amaurosis fugax
 - ii. Amblyopia
 - iii. Glaucoma
 - iv. Scleritis
 - v. Strabismus
 - vi. Field defects

Upon completion of the **EAR** section of the course, the student will be able to:

1. Identify and explain basic anatomical structures of the external and middle ear ^{Comprehension, B2.07b}
2. Perform and explain elements of the comprehensive ear exam including: external inspection/palpation; otoscopy; auditory acuity/tuning fork tests ^{Application, B2.07b}
3. Identify and explain common abnormalities of the ear including: ^{Comprehension, B2.07b, B2.07c}
 - a. External ear disorders
 - i. Cerumen impaction
 - ii. Otitis externa
 - iii. Trauma
 - iv. External lesions
 - v. Bullous myringitis
 - vi. Foreign bodies
 - b. Middle ear disorders
 - i. Cholesteatoma
 - ii. Otitis media
 - iii. Tympanic membrane perforation
 - iv. Tympanic retraction
 - v. Tympanosclerosis
 - vi. Serous effusion
 - c. Inner ear disorders
 - i. Acousticneuroma
 - ii. Barotrauma
 - iii. Eustachian tube dysfunction
 - iv. Labyrinthitis
 - v. Vertigo
 - d. Hearing impairment
 - e. Neoplasms
 - i. Benign
 - ii. Malignant
 - f. Other disorders
 - i. Mastoiditis
 - ii. Meniere disease
 - iii. Tinnitus

Upon completion of the **NOSE** section of the course, the student will be able to:

1. Identify and explain basic anatomical structures of the nose and sinuses ^{Comprehension, B2.07b}
2. Perform and explain elements of the comprehensive nose and sinus exam including: inspection/palpation of external structures; rhinoscopy; sinus palpation ^{Application, B2.07b}
3. Identify and explain common abnormalities of the nose and sinuses including: septal deviation; nasal polyps; allergic and viral rhinitis; sinusitis; epistaxis; trauma. ^{Comprehension, B2.07b, B2.07c}

Upon completion of the **MOUTH AND THROAT** section of the course, the student will be able to:

1. Identify and explain basic anatomical structures and landmarks of the oral cavity Comprehension, B2.07b
2. Perform and explain elements of the comprehensive mouth and throat exam including: inspection and where applicable, palpation of the lips, gums, teeth, buccal mucosa, tongue, palate, tonsils and pharynx Application, B2.07b
3. Identify and explain common lesions and abnormalities of the mouth and throat including: Comprehension, B2.07b, B2.07c
 - a. Teeth/gums/oral cavity
 - i. Dental disease/deformities
 - ii. Gum disease/deformities
 - iii. Tongue discolorations/deviations
 - iv. Torus palatinus
 - b. Infections/inflammatory disorders
 - i. Aphthous ulcers
 - ii. Candidiasis
 - iii. Cheilitis
 - iv. Deep neck infection
 - v. Epiglottitis
 - vi. Herpes simplex
 - vii. Laryngitis
 - viii. Peritonsillar abscess
 - ix. Pharyngitis
 1. Viral
 2. Bacterial
 - c. Salivary disorders
 - i. Sialadenitis
 - ii. Parotitis
 - d. Other disorders
 - i. Angioedema
 - ii. Leukoplakia
 - iii. Trauma
 - e. Oral cancers

Upon completion of the **NECK** section of the course, the student will be able to:

1. Identify and explain basic anatomical structures and landmarks of the neck Comprehension, B2.07b
2. Perform and explain elements of the comprehensive neck exam including inspection and palpation of the neck muscles, cervical spine, lymph node regions, parotid and thyroid glands Application, B2.07b
3. Fully explain the characteristics of palpable neck masses, including: location; size; shape; delimitation; mobility; consistency; tenderness Comprehension, B2.07b
4. Identify and fully explain varying presentations of thyroid enlargement and nodules Comprehension, B2.07b, B2.07c

Upon completion of the **THORAX AND LUNG** section of the course, the student will be able to:

1. Identify and explain basic anatomical structures and landmarks of the thorax and lungs Comprehension, B2.07b

2. Explain the mechanics of normal respiration Comprehension, B2.07b
3. Explain and perform the complete examination of the thorax and lungs involving inspection, palpation, percussion, and auscultation of breath sounds and adventitious sounds Application, B2.07b
4. Explain, perform, and list the indications for performing specialty maneuvers of the pulmonary exam, including: egophony, bronchophony, and whispered pectoriloquy Application, B2.07b
5. Identify and explain the physical findings in the normal pulmonary exam and also common abnormal conditions including: thoracic deformities; pleural disease; pulmonary edema; pneumonia; bronchitis; asthma; emphysema; pneumothorax; atelectasis Comprehension, B2.07b, B2.07c

Upon completion of the **CARDIAC** section of the course, the student will be able to:

1. Identify and explain anatomical structures and landmarks of the heart and vessels Comprehension, B2.07b
2. Recognize and explain the cardiac cycle regarding the timing of events involving the chambers, valves, pressures, heart sounds and circulation Comprehension, B2.07b
3. Explain and perform the complete cardiac exam including inspection, palpation, percussion, and auscultation Application, B2.07b
4. Recognize and explain the characteristics and etiology of major heart sounds including S1, S2, S3, S4, clicks, murmurs, rubs and snaps Comprehension, B2.07b
5. Recognize and explain the major characteristics of heart murmurs Comprehension, B2.07b, B2.07c
6. Recognize and explain the physical findings of the normal cardiac exam and also common including: valvular disease; septal defects, hypertrophy; pericardial disease; heart failure Comprehension, B2.07b, B2.07c

Upon completion of the **NECK VESSEL** section of the course, the student will be able to:

1. Identify the basic anatomy and landmarks of the carotid arterial system and jugular venous system Comprehension, B2.07b
2. Explain the relationship between cardiac events, systemic circulation and pressures and pulsations of the neck vessels Comprehension, B2.07b
3. Explain and perform the examination of neck vessels including inspection, palpation and auscultation, as well as measurement of jugular venous pressures Application, B2.07b
4. Recognize and explain common diseases responsible for abnormalities of carotid and peripheral pulses. Comprehension, B2.07b, B2.07c
5. Recognize and explain the physical findings and etiology of abnormal jugular venous pressures and pulsations. Comprehension, B2.07b, B2.07c

Upon completion of the **PERIPHERAL VASCULAR EXAM** section of the course, the student will be able to:

1. Identify and explain basic anatomical features of the lymphatic and vascular system that are readily accessible to peripheral examination Comprehension, B2.07b
2. Explain and perform examination maneuvers to evaluate the lymphatic, arterial and venous systems Application, B2.07b
3. Identify and explain the physical findings of common lymphatic diseases including: infection, malignancy, obstruction Comprehension, B2.07b

4. Identify and explain the physical findings of common arterial diseases including: arteriosclerosis, vasospastic disorders, and arterial occlusion Comprehension, B2.07b, B2.07c
5. Identify and explain the physical findings of common venous diseases including: thrombophlebitis, varicosities, venous insufficiency Comprehension, B2.07b, B2.07c

Upon completion of the **BREAST AND AXILLA** section of the course, the student will be able to:

1. Identify and explain the basic anatomical structures of the breast and its associated lymphatic system Comprehension, B2.07b
2. Explain and perform a complete breast and axillary exam involving inspection and palpation Application, B2.07b
3. Recognize and explain normal physical findings of the breast and axillary exam as well as common variations and pathological conditions including: fibrocystic disease, adenofibroma, carcinoma, mastitis, and lymphadenitis Comprehension, B2.07b, B2.07c
4. Demonstrate and explain techniques employed in the performance of Breast Self-Examination and provide clear instructions to patients in carrying out the exam Application, B2.07f, B2.12b
5. Explain common factors that predispose a female to develop breast cancer Comprehension, B2.07f, B2.12b

Upon completion of the **ABDOMINAL** section of the course, the student will be able to:

1. Identify and explain basic anatomical structures and landmarks on and within the abdomen Comprehension, B2.07b
2. Explain and perform routine examination maneuvers for the abdomen utilizing the proper sequence of inspection, auscultation, percussion and palpation Application, B2.07b
3. Explain and perform special examination maneuvers for common abdominal diseases including: appendicitis, cholecystitis, peritonitis, ascites, liver and renal inflammation Application, B2.07b, B2.07c
4. Identify and explain common presenting symptoms and signs of specific abdominal conditions including: appendicitis; cholecystitis; intestinal obstruction; pancreatitis; biliary colic; renal colic; ascites; peritonitis; hepatitis; peptic ulcer; diverticulitis; abdominal vascular defects; enlarged spleen; ureteral obstruction; abdominal malignancies Comprehension, B2.07c

Upon completion of the **MUSCULOSKELETAL** section of the course, the student will be able to:

1. Explain the basic anatomy and function of the major components of the musculoskeletal system including: muscle, bone, synovium, cartilage, disc, ligament, tendon, fascia, bursa, epiphysis Comprehension, B2.07b
2. Identify and explain the common symptoms and signs of dysfunction involving the structures listed in #1 Comprehension, B2.07b, B2.07c
3. Identify and explain the basic anatomy and functioning of the major joints including: temporomandibular; cervical spine; vertebral column; fingers; wrists; elbows; shoulders; hips; knees; ankles; feet; toes Comprehension, B2.07b
4. Explain and perform the examination maneuvers for inspection, palpating and testing range of motion of the musculoskeletal structures of the joints listed in #3 Application, B2.07b
5. Define common terms used in describing joint motion and alignment Knowledge, B2.07b

6. Identify and explain the common symptoms and signs of major diseases of the musculoskeletal system including: osteoarthritis; rheumatoid arthritis; gouty arthritis; infectious arthritis; joint effusion; bursitis; tendonitis; sprain/strain; fracture; joint instability; calcific deposition; contracture deformities; alignment deformities; spondylitis; disc herniation Comprehension, B2.07b, B2.07c

Upon completion of the **NEUROLOGICAL AND MENTAL STATUS** section of the course, the student will be able to:

1. Identify and explain the major anatomical structures of the nervous system that are responsible for: cranial nerve function; cerebellar function; motor function; sensory function; reflex activity; cerebral function / mental status Comprehension, B2.07b

Upon completion of the **CRANIAL NERVES** section of the course, the student will be able to:

1. List the names and functions of the twelve paired cranial nerves Knowledge, B2.07b
2. Explain and perform the examination maneuvers used to evaluate the motor and sensory function of the cranial nerves Application, B2.07b
3. Recognize and explain symptoms and signs of cranial nerve dysfunction Comprehension, B2.07b, B2.07c

Upon completion of the **MOTOR SYSTEM** section of the course, the student will be able to:

1. Explain the function of the major motor pathways including: corticospinal, extrapyramidal, and cerebellar Comprehension, B2.07b
2. Perform the examination maneuvers used to evaluate gross, fine, and coordinated motor function and assess the patient's response for evidence of pathology Application, B2.07b
3. Identify signs of motor system dysfunction including abnormalities of muscle tone and strength, involuntary movements, gait abnormalities, atrophy, fasciculation, flaccidity, spasticity, cogwheel rigidity, paralysis, paresis, paraplegia, myopathy Knowledge, B2.07b, B2.07c
4. Explain common conditions that generate signs of motor system dysfunction as listed in #3 Comprehension, B2.07c

Upon completion of the **SENSORY SYSTEM** section of the course, the student will be able to:

1. List the primary and secondary/discriminative sensations that are readily tested during the neurological exam Knowledge, B2.07b
2. Explain and perform the examination maneuvers that are used to evaluate primary and secondary/discriminative sensation Application, B2.07b
3. Define the various symptoms and signs of sensory deficit including: analgesia; hypoalgesia; hyperalgesia; anesthesia; hyperesthesia; hyperesthesia; dysesthesia; paresthesia Knowledge, B2.07b, B2.07c

Upon completion of the **REFLEX STATUS** section of the course, the student will be able to:

1. Identify and explain the components of the reflex arc Comprehension, B2.07b
2. Perform the appropriate examination maneuvers, elicit deep tendon and superficial reflexes and evaluate them for signs of pathology Application, B2.07b, B2.07c

3. Recognize common signs of reflex dysfunction including: hyper/hyporeflexia, clonus, frontal release signs ^{Knowledge, B2.07b, B2.07c}
4. Predict common conditions that generate abnormalities of reflex responses as listed in #3 ^{Application, B2.07b, B2.07c}

Upon completion of the **COMBINED NEUROLOGIC DISORDERS** section of the course, the student will be able to:

1. Explain the symptoms and signs that distinguish between: upper motor neuron vs. lower motor neuron lesions; peripheral vs. central nerve lesions; polyneuropathy vs. mononeuropathy ^{Comprehension, B2.07c}
2. Identify the symptoms and signs commonly encountered with: meningeal inflammation, coma ^{Knowledge, B2.07c}

Upon completion of the **CEREBRAL FUNCTION AND MENTAL STATUS** section of the course, the student will be able to:

1. List and explain the components of cerebral functioning including: appearance and behavior; speech and language; mood; thought and perceptions; cognitive functions; higher cognitive functions ^{Comprehension, B2.07b}
2. List common disease states that can cause abnormalities in cerebral function ^{Knowledge, B2.07c}
3. Explain and demonstrate ways in which a general evaluation of mental status can be carried out in the framework of a routine interview for medical history ^{Application, B2.07a, , B2.07b}
4. Explain and perform techniques for carrying out a specific evaluation of the components of a formal mental status examination listed in #1 ^{Application, B2.07a, B2.07b}
5. Explain and perform techniques for evaluating agnosia, aphasia and apraxia ^{Application, B2.07a, B2.07b, B2.07c}
6. Recognize and explain abnormalities in the mental status exam that are common manifestations of specific cerebral disorders, including: mood (affective) disorders, anxiety disorders, psychotic disorders, organic brain disorders (delirium, dementia). ^{Comprehension, B2.07c}

SKILLS OBJECTIVES

Upon completion of this course, the student will demonstrate competence in:

1. Demonstrating effective, patient-centered communication skills when eliciting a history from patients of varied age. ^{Application, B2.04, B2.07a, B2.09}
2. Performing a focused physical examination specific to each section above. ^{Application, B2.07b, B2.09}
3. Performing a complete and focused physical examination. ^{Application, B2.07b, B2.09}
4. Accurately obtaining and recording a temperature from common sites. ^{Application, B2.09}
5. Accurately obtaining and recording a pulse rate from common sites. ^{Application, B2.09}
6. Accurately obtaining and recording a respiratory rate. ^{Application, B2.09}
7. Accurately obtaining and recording blood pressure. ^{Application, B2.09}

Note: Superscripts identify the Bloom's Taxonomy level for each objective.

UNIT INSTRUCTION

UNIT	HOURS	LECTURES	LABS
UNIT I	3	ORIENTATION INTERVIEW, PATIENT HISTORY, TEMPERATURE, PULSE, RESPIRATION, BLOOD PRESSURE	Interview Patient History Vital Signs
	2	GENERAL SURVEY, SKIN	Physical Exam
UNIT I EXAMS			
UNIT II	7	HEAD AND FACE, EYE, EAR, NOSE, MOUTH AND THROAT	Physical Exam
	5	NECK, NECK VESSEL	Physical Exam
UNIT II EXAMS			
UNIT III	8	THORAX AND LUNG, CARDIAC, PERIPHERAL VASCULAR EXAM	Physical Exam
	8	BREAST AND AXILLA, ABDOMINAL, MUSCULOSKELETAL	Physical Exam
UNIT III EXAMS			
UNIT IV	7	NEUROLOGICAL AND MENTAL STATUS, CRANIAL NERVES, MOTOR SYSTEM, SENSORY SYSTEM	Physical Exam
	5	REFLEX STATUS, COMBINED NEUROLOGIC DISORDERS, CEREBRAL FUNCTION AND MENTAL STATUS	Physical Exam
UNIT IV EXAMS			

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Note: Texts prefaced with double asterisks are provided in Access Medicine.

Bates' Guide to Physical Examination and History Taking, 13th Edition by Lynn S. Bickley. LLW, (2022)

ISBN-13: 978-1496398178

ISBN-10: 1496398173

****The Patient History: An Evidence-Based Approach to Differential Diagnosis, 2e**

Mark C. Henderson, Lawrence M. Tierney Jr., Gerald W. Smetana

McGraw-Hill/Lange

ISBN: 978-0071624947

****Behavioral Medicine: A Guide for Clinical Practice. 5th ed.**

Feldman MD, Christensen JF.

McGrawHill.

ISBN-13: 978-1260142686

ISBN-10: 0071767703

Essential Clinical Procedures: 4th Edition by Richard Dehn & David P. Asprey.
(2021) Elsevier Health Sciences
(ISBN-13: 978-0323624671
ISBN-10: 1455707813

(Optional) *Writing a History and Physical*. Hanley & Belfus. Greenwald JL. Elsevier Health Sciences
ISBN10 1560536020
ISBN13 9781560536024

LEARNING MODALITIES

Modalities include lectures, on-line pre-lecture activities, written and reading assignments, and clinical skills labs. The class schedule and assignments can be found in Canvas.

ATTENDANCE AND PARTICIPATION POLICY

Regular and punctual attendance at all classes is considered essential to optimum academic achievement. However, we recognize that as adults you have other life responsibilities and challenges that may interfere. Ultimately you are responsible for your education and your ability to demonstrate mastery of the course and program objectives.

1. You MUST attend:
 1. PE and clinical skills labs appropriately dressed and with all necessary equipment
 2. examinations on the date and time for which they are schedule
 3. community learning group
2. We expect
 4. active participation in all class activities.
 5. completion of all class preparatory assignments prior to commencement of class.
 6. respect for the class, peers and faculty.
 7. on-time arrival for all classes, laboratories, learning groups or any scheduled activities. Routine tardiness demonstrates a lack of professionalism and will not be tolerated

INCOMPLETES AND LATE ASSIGNMENTS

All assignments are to be submitted/turned in by the beginning of the class session when they are due—including assignments posted in Canvas. Incompletes will only be assigned under extremely unusual circumstances. Students failing an examination or practicum must complete the designated remediation (See REMEDIATION below) within the assigned time.

FINAL EXAMINATION POLICY

Successful completion of this class requires taking the final examinations (written and practical) on their respective scheduled days. No requests for early examinations or alternative days will be approved.

ASSESSMENT AND GRADING

Student course grades are calculated using all assessment tools utilized during the course. These include written examinations, and evaluation of history and physical examination skills. Students are expected to dedicate two hours a week outside of the classroom for interviewing and history taking.

ACTIVITY	% OF GRADE
Written Examinations (4)	30%
Skills Examinations (4)	30%
History and Physical Examination Documentation	20%
Comprehensive PE	20%

Grading will be in keeping with Point Loma Nazarene University policy for graduate programs and will be as follows:

A = 93-100	C = 73-76
A- = 92-90	C- = 70-72
B+ = 87-89	D+ = 67-69
B = 83-86	D = 63-66
B- = 80-82	D- = 60-62
C+ = 77-79	F = 0-59

REMEDIATION

Remediation is the process by which both the student and the program are assured that performance indicating a deficiency in knowledge or skills is subsequently demonstrated to be satisfactory. This may include a re-test over missed material, a skills demonstration or a review of missed material with completion of corrected answers. It is important to note that this is content remediation, not grade remediation and no grade will be changed based on these activities.

Within 48 hours of the posting of a grade of <70%, the student MUST contact the course director to discuss the student's performance and create a remediation plan. Unless otherwise directed by the course director, remediation activities must be completed within 5 days.

PLNU COPYRIGHT POLICY

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

PLNU ACADEMIC HONESTY POLICY

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See the [Academic Honesty Policy](#) in the Graduate and Professional Studies Catalog for definitions of kinds of academic dishonesty and for further policy information.

SEXUAL MISCONDUCT AND DISCRIMINATION

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the Title IX Office at pointloma.edu/Title-IX. Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at counselingservices@pointloma.edu or find a list of campus pastors at pointloma.edu/title-ix

PLNU ACADEMIC ACCOMMODATIONS POLICY

While all students are expected to meet the minimum standards for completion of this course as established by the Technical Standards and the instructor, students with disabilities may require academic adjustments, modifications or auxiliary aids/services. At Point Loma Nazarene University (PLNU), these students are requested to register with the Disability Resource Center (DRC), located in the Bond Academic Center. (DRC@pointloma.edu or 619-849-2486). The DRC's policies and procedures for assisting such students in the development of an appropriate academic adjustment plan (AP) allows PLNU to comply with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Section 504 (a) prohibits discrimination against students with special needs and guarantees all qualified students equal access to and benefits of PLNU programs and activities. After the student files the required documentation, the DRC, in conjunction with the student, will develop an AP to meet that student's specific learning needs. The DRC will thereafter email the student's AP to all faculty who teach courses in which the student is enrolled each semester. The AP must be implemented in all such courses.

If students do not wish to avail themselves of some or all of the elements of their AP in a particular course, it is the responsibility of those students to notify their professor in that course. PLNU highly recommends that DRC students speak with their professors during the first two weeks of each semester about the applicability of their

AP in that particular course and/or if they do not desire to take advantage of some or all of the elements of their AP in that course.

This syllabus is subject to change. Students are encouraged to check course messages and emails in order to remain current.

ARC-PA standards (5th edition) addressed in this course: B2.04, B2.06(c)(e), B2.07(a)(b)(c)(f), B2.09, B2.12(a)(b)(c)