DEPARTMENT OF PHYSICIAN ASSISTANT EDUCATION
MASTER OF SCIENCE IN MEDICINE
3 UNITS

MSM 6005 INTRODUCTION TO PATIENT ASSESSMENT

FALL 2024

Meeting times: Lecture: Tuesdays 1:30-4:30p Room 154 Thursdays 1-4p Skills Lab	**Instructor title and name:** Dr. Rob Meadows DSc. PA-C Laurie Reeves PA-C
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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)
2. Document a clinical encounter in the patient record. MK, IC, PC, PR
3. 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:

13. Explain the normal ranges of temperature and common causes of normal and abnormal variations. Comprehension, B2.07b
14. List the indications for and methods of obtaining temperature measurements from various sites. Knowledge, B2.07b
16. 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:

17. Using appropriate techniques, obtain and record an accurate pulse from common sites. Application, B2.07b, B2.09
18. Explain the normal characteristics of pulse rate, rhythm, amplitude and contour. Comprehension, B2.07b
19. 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:

20. Obtain an accurate respiratory rate and explain patterns of rhythm, rate and character in patients of varying ages. Application, B2.07b, B2.09
21. Explain the mechanics of respiration. Comprehension, B2.07b
22. 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
23. 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:

24. Explain the mechanisms that affect the production of blood pressure. Comprehension, B2.07b
25. List the components of Korotkoff's sounds and explain their role in the measurement of blood pressure. Knowledge, B2.07b
26. Explain the equipment necessary for BP measurement as well as indications for using equipment of differing sizes and placement. Comprehension, B2.07b
27. Explain normal ranges of blood pressure. Comprehension, B2.07b
28. Define hypertension and hypotension. Knowledge, B2.07b, B2.07c
29. List common conditions that cause abnormally high and abnormally low blood pressure. Knowledge, B2.07b, B2.07c
30. Explain and perform the techniques for measuring auscultatory and palpatory BPs. Comprehension, B2.07b, B2.09
31. 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:

32. Explain methods of incorporating the general survey into the overall format of the medical encounter. Comprehension, B2.07b

33. 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

34. 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:

35. 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, umbricated, 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
36. 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
37. Recognize and explain common nail abnormalities including: paronychia, psoriatic nail pitting, splinter hemorrhages, clubbing, and trauma Comprehension, B2.07b, B2.07c
38. 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:

39. Identify common anatomical terms and boney landmarks used in describing the location of physical findings in the head and face exam Knowledge, B2.07b

40. 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:

41. Identify basic anatomical structures of the internal and external eye Knowledge, B2.07b

42. 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

43. 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:

44. Identify and explain basic anatomical structures of the external and middle ear Comprehension, B2.07b

45. Perform and explain elements of the comprehensive ear exam including: external inspection/palpation; otoscopy; auditory acuity/tuning fork tests Application, B2.07b

46. 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:

47. Identify and explain basic anatomical structures of the nose and sinuses Comprehension, B2.07b

48. Perform and explain elements of the comprehensive nose and sinus exam including: inspection/palpation of external structures; rhinoscopy; sinus palpation Application, B2.07b

49. 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:

50. Identify and explain basic anatomical structures and landmarks of the oral cavity Comprehension, B2.07b

51. 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

52. 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:

53. Identify and explain basic anatomical structures and landmarks of the neck Comprehension, B2.07b

54. 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

55. Fully explain the characteristics of palpable neck masses, including: location; size; shape; delimitation; mobility; consistency; tenderness Comprehension, B2.07b

56. 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:

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

58. Explain the mechanics of normal respiration Comprehension, B2.07b

59. 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

60. Explain, perform, and list the indications for performing specialty maneuvers of the pulmonary exam, including: egophony, bronchophony, and whispered pectoriloquy Application, B2.07b

61. 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:

62. Identify and explain anatomical structures and landmarks of the heart and vessels Comprehension, B2.07b

63. Recognize and explain the cardiac cycle regarding the timing of events involving the chambers, valves, pressures, heart sounds and circulation Comprehension, B2.07b

64. Explain and perform the complete cardiac exam including inspection, palpation, percussion, and auscultation Application, B2.07b

65. Recognize and explain the characteristics and etiology of major heart sounds including S1, S2, S3, S4, clicks, murmurs, rubs and snaps Comprehension, B2.07b

66. Recognize and explain the major characteristics of heart murmurs Comprehension, B2.07b, B2.07c

67. 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:

68. Identify the basic anatomy and landmarks of the carotid arterial system and jugular venous system Comprehension, B2.07b

69. Explain the relationship between cardiac events, systemic circulation and pressures and pulsations of the neck vessels Comprehension, B2.07b

70. Explain and perform the examination of neck vessels including inspection, palpation and auscultation, as well as measurement of jugular venous pressures Application, B2.07b

71. Recognize and explain common diseases responsible for abnormalities of carotid and peripheral pulses. Comprehension, B2.07b, B2.07c

72. 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:

73. Identify and explain basic anatomical features of the lymphatic and vascular system that are readily accessible to peripheral examination Comprehension, B2.07b
74. Explain and perform examination maneuvers to evaluate the lymphatic, arterial and venous systems Application, B2.07b
75. Identify and explain the physical findings of common lymphatic diseases including: infection, malignancy, obstruction Comprehension, B2.07b
76. Identify and explain the physical findings of common arterial diseases including: arteriosclerosis, vasospastic disorders, and arterial occlusion Comprehension, B2.07b, B2.07c
77. 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:

78. Identify and explain the basic anatomical structures of the breast and its associated lymphatic system Comprehension, B2.07b
79. Explain and perform a complete breast and axillary exam involving inspection and palpation Application, B2.07b
80. 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
81. 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
82. 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:

83. Identify and explain basic anatomical structures and landmarks on and within the abdomen Comprehension, B2.07b
84. Explain and perform routine examination maneuvers for the abdomen utilizing the proper sequence of inspection, auscultation, percussion and palpation Application, B2.07b
85. Explain and perform special examination maneuvers for common abdominal diseases including: appendicitis, cholecystitis, peritonitis, ascites, liver and renal inflammation Application, B2.07b, B2.07c
86. 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:

87. 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

88. Identify and explain the common symptoms and signs of dysfunction involving the structures listed in #1 Comprehension, B2.07b, B2.07c
89. 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
90. 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
91. Define common terms used in describing joint motion and alignment Knowledge, B2.07b
92. 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:

93. 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:

94. List the names and functions of the twelve paired cranial nerves Knowledge, B2.07b
95. Explain and perform the examination maneuvers used to evaluate the motor and sensory function of the cranial nerves Application, B2.07b
96. 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:

97. Explain the function of the major motor pathways including: corticospinal, extrapyramidal, and cerebellar Comprehension, B2.07b
98. 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
99. 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
100. 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:

101. List the primary and secondary/discriminative sensations that are readily tested during the neurological exam Knowledge, B2.07b
102. Explain and perform the examination maneuvers that are used to evaluate primary and secondary/discriminative sensation Application, B2.07b
103. 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:

104. Identify and explain the components of the reflex arc Comprehension, B2.07b
105. Perform the appropriate examination maneuvers, elicit deep tendon and superficial reflexes and evaluate them for signs of pathology Application, B2.07b, B2.07c
106. Recognize common signs of reflex dysfunction including: hyper/hyporeflexia, clonus, frontal release signs Knowledge, B2.07b, B2.07c
107. 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:

108. 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

109. 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:

110. 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
111. List common disease states that can cause abnormalities in cerebral function Knowledge, B2.07c
112. 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
113. 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
114. Explain and perform techniques for evaluating agnosia, aphasia and apraxia Application, B2.07a, B2.07b, B2.07c

115. 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 proficiency 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.

Date	Topic/Instructor	Reading/Assignment
Tuesday Sept 3rd 2:30-4:30pm	Interviewing and History taking Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapters 1- 2, and pre class quiz
Thursday Sept 5th 1-4pm	Interviewing and History taking lab Prof. Laurie Reeves, PA-C	
Tuesday Sept 10th 1:30-4:30pm	Interviewing and History taking continued Dr. Rob Meadows, DSc. PA-C Clinical Reasoning Prof. Amy Vu, PA-C	Lecturio videos/quizzes: "Interviewing"
Thursday Sept 12th 1-4p	Interviewing and History taking lab continued Prof. Laurie Reeves, PA-C	
Tuesday Sept 17th 1:30-4:30pm	Vitals Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 3
Thursday Sept 19th 1-4pm	Vitals Lab Prof. Laurie Reeves, PA-C	Lecturio videos/quizzes "Vitals Signs (Nursing)"
Tuesday Sept 24th 1:30-4:30pm	General Survey and Skin Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 16, Lecturio videos/quizzes "Skin"

Thursday Sept 26th 1-4pm		Skills Exam 1 H & P write up 1 due Friday
Monday Sept 30th 3-5pm		Written Exam 1
Tuesday October 1st 1:30-4:30pm	Head Face Dr. Rob Meadows DSc. PA-C Eye Dr. Doug Bishop MD	Lecture notes, Goldberg Chapter 4-5
Thursday October 3rd 1-4pm	Eye, Head Face lab Prof. Laurie Reeves, PA-C	Lecturio videos/quizzes “Head and Face” and “Eye”
Wednesday October 9th 1-4pm	ENT Dr. Cornelius Jansen MD	Lecture notes, Goldberg Chapter 4-5
Thursday October 10th 1-4pm	ENT Lab Prof. Laurie Reeves, PA-C	Lecturio videos/quizzes “Eye, Ear, Nose, Mouth, Throat”
Tuesday October 15th 1:30-4:30pm	Neck and Vessels Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 4-5
Thursday October 17th 1-4pm	Neck and Vessels Lab Prof. Laurie Reeves, PA-C	Lecturio videos/quizzes “Neck, Vessels of the Head and Neck”
Tuesday October 22nd 1:30-4:30pm	Thorax and Lung Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 7, Lecturio videos/quizzes “Thorax and Lung”

Thursday October 24th 1-4pm		Skills Exam 2 H & P write up 2 due Friday
Monday October 28th 3-5pm		Written Exam 2
Tuesday October 29th 1:30-4:30pm	Cardiac and Peripheral Vasculature Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 6,
Thursday October 31st 1-4pm	Cardiac and Peripheral Vascular Lab Prof. Laurie Reeves, PA-C	Lecturio videos/quizzes “Cardiac and Peripheral vascular exam”
Tuesday November 5th 1:30-4:30pm	Breast and Axilla Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 10,
Thursday November 7th 1-4pm	Breast and axilla Lab Prof. Laurie Reeves, PA-C	Lecturio videos/quizzes “Examination of the breast and lymphatic system”
Tuesday November 12th 1:30-4:30pm	Abdomen Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 8
Thursday November 14th 1-4pm	Abdomen Lab Prof. Laurie Reeves, PA-C	Lecturio videos/quizzes “Examination of the abdominal region”
Tuesday November 19th 1:30-4:30pm	MSK Dr. Ray Carlson DMSc. PA-C	Lecture notes, Goldberg Chapter 14-15, Lecturio videos/quizzes “Examination of the upper and lower extremities”
Thursday November 21st 1-4pm		Skills Exam 3

Monday November 25th 3-5pm		Written Exam 3
Tuesday December 3rd 1:30-4:30pm	Neuro Dr. Rob Meadows DSc. PA-C	Lecture notes, Goldberg Chapter 12, Lecturio videos/quizzes "Motor, Sensory, Reflex"
Thursday December 5th 1-4pm	Neuro Lab Prof. Laurie Reeves, PA-C	
Monday December 9th 3-5pm		Written Exam 4
Tuesday December 10th 1:30-4:30pm	Teach Back/IPASS	
Thursday December 12th 1-4pm		Skills Exam 4 Comprehensive H and P write up
Thursday December 19th 1-4pm		Comprehensive Skills Exam

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

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

**Goldberg C (2025). History taking. Goldberg C, MD(Ed.), *Practical Guide to History Taking, Physical Exam, and Functioning in the Hospital and Clinic*. McGraw Hill. https://accessmedicine-mhmedical-com.pointloma.idm.oclc.org/content.aspx?bookid=3505&sectionid=288414503

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

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)	40%
Skills Examinations (3)	30%
History and Physical Examination Documentation (3)	10%
Comprehensive Skills Exam	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 RECORDING NOTIFICATION

In order to enhance the learning experience, please be advised that this course may be recorded

by the professor for educational purposes, and access to these recordings will be limited to enrolled students and authorize personnel.
Note that all recordings are subject to copyright protection. Any unauthorized distribution or

publication of these recordings without written approval from the University (refer to the Dean) is strictly prohibited.

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.

Use of Artificial Intelligence (AI) tools (e.g, ChatGPT, iA Writer, Marmot, Botowski) is not permitted, and use of these tools will be treated as plagiarism.

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)