



**UNIVERSITY OF THE INCARNATE WORD - ATHLETIC TRAINING EDUCATION
COMPETENCY AND PROFICIENCY MATRIX (4TH EDITION)**

**COMPETENCIES AND PROFICIENCIES LISTED FOR
ATHP 2305 – FUNCTIONAL ANATOMY AND MUSCLE TESTING**

ORTHOPEDIC CLINICAL EXAMINATION AND DIAGNOSIS

Course(s) Taught	Course(s) Evaluated	
ATHP 2305 ATHP 3310	ATHP 2305	C2 - Describe the anatomical and physiological growth and development characteristics as well as gender differences across the lifespan.
ATHP 2305	ATHP 2305	C3 - Describe the physiological and psychological effects of physical activity and their impact on performance.
ATHP 2305	ATHP 2305	C4 - Explain directional terms and cardinal planes used to describe the body and the relationship of its parts.
ATHP 2305 PEHP 3350	ATHP 2305	C5 - Describe the principles and concepts of body movement including functional classification of joints, arthrokinematics, normal ranges of joint motion, joint action terminology, and muscle groups responsible for joint actions (prime movers, synergists), skeletal muscle contraction, and kinesthesia/proprioception.
ATHP 2305	ATHP 2305	C8 - Describe the nature of diagnostic tests of the neurological function of cranial nerves, spinal nerves, and peripheral nerves using myotomes, dermatomes, and reflexes.
ATHP 2305	ATHP 2305 ATHP 2315 ATHP 2320	C9 - Assess neurological status, including cranial nerve function, myotomes, dermatomes and reflexes, and circulatory status.
ATHP 2305 ATHP 2315 ATHP 2320 ATHP 3330	ATHP 2305	C12 - Describe strength assessment using resistive range of motion, break tests, and manual muscle testing.
ATHP 2305 ATHP 2315 ATHP 2320	ATHP 2305	P4 - Palpate the bones and soft tissues to determine normal or pathological characteristics.
ATHP 2305 ATHP 2315 ATHP 2320	ATHP 2305 ATHP 3130	P5 - Measure the active and passive joint range of motion using commonly accepted techniques, including the use of a goniometer and inclinometer.
ATHP 2305 ATHP 2315 ATHP 2320	ATHP 2305	P6 - Grade the resisted joint range of motion/manual muscle testing and break tests.
ATHP 1310 ATHP 2305 ATHP 2320	ATHP 2305 ATHP 2315 ATHP 2320	P9 - Assess neurological status, including cranial nerve function, myotomes, dermatomes and reflexes, and circulatory status.

MEDICAL CONDITIONS AND DISABILITIES

Course(s) Taught	Course(s) Evaluated	
XXXXXX	XXXXXX	P4 - Apply commonly used special tests and instruments (e.g. otoscope, stethoscope, ophthalmoscope, peak flow meter, chemical "dipsticks" [or similar devices]) and document the results for the assessment of:
ATHP 1310 ATHP 2305	ATHP 2305	P4.3 - Pupil response, size and shape, and ocular motor function

UPDATED 12/16/2008