COURSE OUTLINE: OPA119 - FUNCTIONAL ANATOMY

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Course Code: Title	OPA119: FUNCTIONAL ANATOMY
Program Number: Name	3022: OCCUP/PHYSIO/ASSIST
Department:	OTA/PTA ASSISTANT
Academic Year:	2025-2026
Course Description:	This course introduces students to the foundational structure and function of the musculoskeletal system. Students will examine the major types of bones, muscles, and joints, exploring how each contributes to movement and physical function. Emphasis is placed on understanding anatomical terminology, identifying key skeletal and muscular structures, classifying joints and describing joint motions. Laboratory sessions provide hands-on experience through the use of anatomical models and surface anatomy on a partner, reinforcing theoretical knowledge with practical application.
Total Credits:	4
Hours/Week:	5
Total Hours:	70
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Substitutes:	OPA103
This course is a pre-requisite for:	OPA109, OPA110, OPA122, OPA123, OPA124, OPA131
Vocational Learning Outcomes (VLO's) addressed in this course: **Please refer to program web page for a complete listing of program outcomes where applicable.**	**3022 - OCCUP/PHYSIO/ASSIST** VLO 1 Communicate appropriately and effectively, through verbal, nonverbal, written and electronic means, with clients, their significant others, occupational therapists, physiotherapists, and members of the interdisciplinary health care team and others. VLO 8 Perform the roles and responsibilities of the therapist assistant effectively through the application of relevant knowledge of health sciences, psychosocial sciences, health conditions, resource management, and clinical procedures.
Essential Employability Skills (EES) addressed in this course:	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication. EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals. EES 10 Manage the use of time and other resources to complete projects. EES 11 Take responsibility for ones own actions, decisions, and consequences.

Course Evaluation:

Passing Grade: 60%, C

A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.

Other Course Evaluation & Assessment Requirements:

An overall grade of 60% is required to pass this course.

Books and Required Resources:

The Student`s Anatomy of Exercise Manual by Ken Ashwell
Publisher: Barron`s
ISBN: 978-1-4380-0113-5

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1.Identify and describe major bones and bony landmarks.	1.1 Locate and name bones and bony landmarks on anatomical models, on diagrams and on a person.
Course Outcome 2	**Learning Objectives for Course Outcome 2**
2. Identify and describe major muscle groups.	2.1 Locate and name muscles, origin and insertion on anatomical models, on diagrams and on a person. 2.2 Identify the actions of specified muscles.
Course Outcome 3	**Learning Objectives for Course Outcome 3**
3. Identify and describe major articulations (joints).	3.1 Classify and describe different types of articulations (joints) in the human body. 3.2 Locate, name, and describe the features of the articulations (joints) in the human body. 3.3 Classify synovial joints based on their structural shape and identify the synovial joints in the human body. 3.4 Identify the movement(s) available at the synovial joints in the human body.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Lab Evaluations	40%
Module Tests (written and bellringer)	30%
Theory Quizzes	30%

Date:

August 13, 2025

Addendum:

Please refer to the course outline addendum on the Learning Management System for further information.