



## COURSE OUTLINE: OPA124 - CLINICAL PATHOLOGY

Prepared: Andrea Sicoli

Approved: Rebecca Keown - Dean

<b>Course Code: Title</b>	OPA124: CLINICAL PATHOLOGY
<b>Program Number: Name</b>	3022: OCCUP/PHYSIO/ASSIST
<b>Department:</b>	OTA/PTA ASSISTANT
<b>Academic Year:</b>	2025-2026
<b>Course Description:</b>	This course will introduce the student to the etiology, pathology and clinical presentation of common conditions treated in Occupational Therapy and Physiotherapy. Illness, injury and disability involving the musculoskeletal system, cardiorespiratory system and the central and peripheral nervous system will be explored. Diseases and disorders across the lifespan including developmental disorders and degenerative diseases will be discussed. The functional impact of the condition, OT and PT treatment approaches and the role of the OTA & PTA will be emphasized.
<b>Total Credits:</b>	3
<b>Hours/Week:</b>	3
<b>Total Hours:</b>	42
<b>Prerequisites:</b>	OPA119, OPA120
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Substitutes:</b>	OPA216
<b>This course is a pre-requisite for:</b>	OPA203, OPA204, OPA214
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>	<b>3022 - OCCUP/PHYSIO/ASSIST</b>
Please refer to program web page for a complete listing of program outcomes where applicable.	VLO 2 Participate in the effective functioning of interdisciplinary health care teams to optimize client physical and occupational functions.
	VLO 4 Promote a safe environment that prevents or minimizes potential physical or mental harm to the client, therapist assistant 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.
	VLO 9 Contribute to the occupational therapist's or physiotherapist's assessment of the client and the development, implementation and modification of intervention/treatment plans.
<b>Essential Employability Skills (EES) addressed in this course:</b>	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 4 Apply a systematic approach to solve problems.



- EES 5 Use a variety of thinking skills to anticipate and solve problems.
- EES 6 Locate, select, organize, and document information using appropriate technology and information systems.
- EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
- EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.
- 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.

**Books and Required Resources:**

Only FREE Open Educational Resources will be used for this Course/Section.

**Course Outcomes and Learning Objectives:**

<b>Course Outcome 1</b>	<b>Learning Objectives for Course Outcome 1</b>
1. Demonstrate knowledge of assessment, diagnosis, intervention and prognosis of common conditions treated in Occupational Therapy and Physiotherapy.	1.1 Recognize and list appropriate assessment processes and diagnostic tests. 1.2 List and describe appropriate treatment interventions, outcomes and prognosis. 1.3 Explore the healing and recovery process and the role of the OT/PT and OTA/PTA in rehabilitation. 1.4 Explore the role of the interprofessional health care team in client care for common conditions.
<b>Course Outcome 2</b>	<b>Learning Objectives for Course Outcome 2</b>
2. Demonstrate an understanding of the etiology, pathology, and clinical presentation of illness, injury and disability across the lifespan. (Musculoskeletal Disorders, Cardiorespiratory Conditions, Neurological Condition, Traumatic and Vascular Injuries, Congenital or Developmental Disorders, Pervasive Development Disorders and Degenerative Disorders)	2.1 Describe the general principles of disease and injury (alterations in normal cell function, structure, growth and differentiation, inflammation and pain, wound healing and neoplasia) related to pathophysiology. 2.2 Describe the etiology, pathophysiology and clinical presentation of common conditions in the following categories: -Musclulo-Skeletal Disorders -Cardio-Respiratory Disorders -Neurological Conditions of the Central and Peripheral Nervous System -Traumatic and Vascular Injuries -Congenital or Developmental Disorders -Pervasive Development Disorders -Degenerative Disorders
<b>Course Outcome 3</b>	<b>Learning Objectives for Course Outcome 3</b>
3. Demonstrate knowledge	



	of the clinical implications of common disabling conditions managed in Occupational Therapy and Physiotherapy.	3.1 Explain the effect of specific conditions on normal growth and development and/or the aging process. 3.2 Identify the impact of specific conditions on the physical, psychosocial and environmental aspects of an individual's function.						
<b>Evaluation Process and Grading System:</b>	<table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>1. Quizzes/Tests</td> <td>95%</td> </tr> <tr> <td>2. Learning Activities</td> <td>5%</td> </tr> </tbody> </table>		Evaluation Type	Evaluation Weight	1. Quizzes/Tests	95%	2. Learning Activities	5%
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<b>Date:</b>	December 15, 2025							
<b>Addendum:</b>	Please refer to the course outline addendum on the Learning Management System for further information.							