

JAMESTOWN COMMUNITY COLLEGE
State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Physical Rehabilitation

Course Abbreviation and Number: OTA 2620

Credit Hours: 3

Course Type: Lecture/Lab

Course Description: Students will be introduced to concepts and techniques needed to provide care to patients with neurological, orthopedic, and muscular-skeletal conditions. Students will refine transfer and goniometry techniques, while developing skills with manual muscle testing, mobility, and the application of treatment approaches relevant to the physically disabled population.

Prerequisite: OTA 1520 and OTA 1630 with a grade of C or better.

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Assess if vital signs are stable for client intervention. (B.3.7)
 2. Execute a transfer with a consumer following proper and safe procedures. (B.3.7)
 3. Determine the effects of various diseases and disorders on occupational performance. (B.3.5)
 4. Design a treatment plan, following the OT process, for a consumer with a physical disability.
 5. Evaluate range of motion and strength of the upper extremity.
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Topics Covered:

Lecture:

- Sensorimotor approaches to treatment
- Effects of the following diseases on occupational performance (B.3.5):
 - Orthopedic conditions of UE and LE
 - Bariatric factors
 - Arthritic conditions
 - Burns
 - Cerebral vascular accident
 - Spinal cord injuries
 - Traumatic brain injuries

Lab:

- Safety in the classroom and clinic including vitals, body mechanics, hand washing, PPE and universal precautions (B.3.7)
 - Transfer training
 - Bed mobility
 - Assessments ADL, strength, ROM
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Information for Students

- Expectations of Students
 - [Civility Statement](#)
 - [Student Responsibility Statement](#)
 - [Academic Integrity Statement](#)
- [Accessibility Services](#)
Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
- [Get Help: JCC & Community Resources](#)
- [Emergency Closing Procedures](#)
- Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
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- Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.
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Effective Date: Fall 2023