

MARTIN COMMUNITY COLLEGE
COURSE SYLLABUS
Semester/Year: Spring 2011

COURSE NUMBER: PTA 254	INSTRUCTOR: Jean Lambert, PhD, PT/Jamie C. Van Essendelft, BS, PTA
COURSE TITLE: Pediatrics for the PTA	OFFICE NO: Bldg. 3, Rm. 45
CREDIT HOURS: 1	OFFICE/VIRTUAL HOURS: Posted on Office
CONTACT HRS/WK: 3	PHONE NO: 252-792-1521
PREREQUISITES: PTA 130	FAX: 252-792-4425
COREQUISITES: None	E-MAIL: jlambert@martincc.edu jamiere@gotricounty.com

COURSE DESCRIPTION: This course provides an in-depth study of pediatric dysfunctions and rehabilitation techniques for infants, toddlers, and school age children. The student will be introduced to evaluate techniques, adaptive equipment, orthotics, and assistive technology. Upon completion of this course, students should be able to demonstrate a basic knowledge of interventions for common pediatric dysfunction.

PROGRAM LEARNING OUTCOMES:

1. Work as a skilled PTA in performance of assigned duties and patient care activities deemed appropriate by the supervising PT.
2. Utilize the knowledge, skills and techniques learned with a degree of competence appropriate for safe and effective patient care.
3. Recognize the needs of the patient, family and caregivers as well as document changes in the patient's condition and communicate these changes to the PT.
4. Communicate effectively and ethically by way of spoken and written word, information relevant to safe and effective departmental and patient care practices.
5. Conduct yourself, at all times, in an ethical, legal, safe and professional manner as a member of the health care delivery team.

COURSE LEARNING OUTCOMES:

1. The student will demonstrate a knowledge of federal law pertaining to the treatment of children with special needs.
2. The student will demonstrate a knowledge of motor milestones for typically developing infants and toddlers, and the expectant gross motor skills for school age children.
3. The student will demonstrate knowledge of standardized evaluation tools used for physical therapy. The student will demonstrate a working understanding of evaluation tools used for occupational and speech therapies.
4. The student will demonstrate knowledge of pediatric pathological conditions.
5. The student will demonstrate knowledge of treatment techniques for: Developmental Delay, Hypotonocity, and Hypertonocity.
6. The student will demonstrate knowledge of treatment techniques for gait disorders using various assistive devices and orthoses.
7. The student will demonstrate knowledge of treatment techniques for wheelchair management and mobility.

8. The student will demonstrate knowledge of equipment management for walkers, standers, and adaptive seating.

REQUIRED TEXTBOOKS: Physical Therapy for Children, Third Edition. Campbell, Suzann K., Saunders Publishing Company, 2006.

SUPPLEMENTAL RESOURCES: Neurological Intervention for Physical Therapy Assistants, Martin, Kessler; Saunders Publishing Company. 2000.

LEARNING/TEACHING METHODS: Lecture, Lab, Visual Aids, Internet access

ASSESSMENTS/METHODS OF EVALUATION:

1. Written Exams
2. Practical Applications
3. Research Project

GRADING POLICY: A 100-93

B 92-85

C 84-77

D 76-70

F 69 or below

All objectives are measured with an acceptable score being no less than 77%.

COURSE OUTLINE:

- I. Motor Control, Learning Development
- II. Primitive Reflexes
- III. Normal Motor Development
- IV. Gross Motor Evaluation
- V. Developmental Delay
- VI. Prematurity
- VII. Positioning and Handling
- VIII. Cerebral Palsy
- IX. Juvenile RA
- X. Spinal Conditions
- XI. Genetic Disorders
- XII. Sensory Processing and Cognitive Disorders
- XIII. Orthotics and Splints
- XIV. Assistive Technology

STUDENT ATTENDANCE POLICY: The MCC attendance policy applies. The College has a specific absence policy for all courses, which states that students are expected to attend a minimum of 80% of the total hours of the course, which includes classes, labs, and shops. Students must be present at least one class during the first 10% of a course in order to be considered enrolled in the class. If a student has not attended at least one class by the 10% census date, the instructor will administratively withdraw the student. This program abides by the MCC policy. When an absence is unavoidable in a program course, the student is to notify the class instructor by telephone prior to the scheduled class time as to the reason for the absence. Upon return, the student is to meet personally with that instructor to discuss the class(es) missed and identify make-up work. This is the student's responsibility and must be done in a timely manner.

Experience has shown that a person with frequent absences or tardy arrivals as a student demonstrates this same behavior as a worker. A potential employer usually inquires as to the student's behavior in regard to absences or tardiness as it reflects a possible problem as a worker. In a physical therapy department, workers depend on each other to be present and on time to get the work done without imposing a hardship or overload on others. The PTA Program is preparing you to be employed in physical therapy departments. We want you to be dependable and reliable as employees, thus as students.

Request for Excused Absences for Religious Observances: In compliance with G.S. 115D-5, MCC policy permits a student to be excused, with the opportunity to make-up any test or other missed work, a minimum of two excused absences per academic year for religious observances required by the student's faith. The policy limits the excused absences to a maximum of two days per academic year.

Students who wish to be excused for a Religious Observance required by their faith must complete and submit a request form to the instructor(s) **PRIOR TO THE CENSUS DATE OF EACH CLASS**. The Request for Excused Absences for Religious Observances form can be picked up from Student Services. This does not supersede the college-wide attendance policy as outlined in the college catalog or syllabus, with the exception of a reasonable accommodation for the make-up of missed course work.

COURSE POLICIES: **Make-up Policy:** All exams are to be taken on the date the exam is given. If a student must miss an exam, you must discuss with the instructor prior to the exam arrangements for make-up. All assignments are due on the due date. A letter grade will be taken away for each day it is late.

Ethical Violation: Any student found cheating on an exam will receive a "F" for the course, and be dismissed from the program.

Plagiarism: Any student caught plagiarizing a paper will receive a zero for the assignment and possible disciplinary action.

Cell Phones: Cell phones must be kept on silent or vibrate during class and off during quizzes or exams. There is to be **NO** texting during class, and if you **MUST** answer your phone, you should excuse yourself from the class quietly.

If you cannot reach your instructor, you may contact Dr. Phyllis Broughton, Dean of Academic Affairs and Student Services at (252)792-1521 extension 246 by phone, pbroughton@martincc.edu by e-mail, or in person at her office in Building 2, Room 33.

To access the Martin Community College Career Catalog for policies and curriculum requirements, please go online to www.martincc.edu.

If you have a need for a disability-related accommodation, please notify the Student Services counselor at (252) 792-1521, ext. 293.