

Spring 2012

Course Number/Name: CP 5220.PD/Pediatrics Diagnosis
Course Hours: 30 hours (Lecture 2 hrs, Lab None)
Course Credits: 2 credits

Contact Information:

Course Instructor: Rafael A Segrera, D.O
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Course Materials:

Required Text: Atlas of Pediatric Physical Diagnosis
Author: Basil J. Zitelli, Holly W. Davis
Publisher: Elsevier Health Sciences Textbook Hardcover- New Edition
Date of Publication: August 2007

Recommended Text: Pediatrics for Medical Students
Author: Daniel Bernstein, Steven Shelov
Publisher: Lippincott Williams & Wilkins Third Edition
Date of Publication: 2011

Edvance 360 Address: <http://edvance360.com/txchiro>

Course Description:

This course addresses the neuro-musculoskeletal and visceral evaluation of the developing child from birth through adolescence with emphasis on examination, growth and development patterns, abnormalities, diseases, emergencies and nutrition.

Course Pre-Requisite: Physical Examination and Diagnosis

CCE Competencies:

The Council on Chiropractic Education has set competencies that are required for a graduate of any Doctor of Chiropractic Program, which includes the following but not limited to:

1. History Taking
2. Record Keeping
3. Physical Examination
4. Neuromusculoskeletal Examination
5. Diagnosis
6. Case Management
7. Psychosocial Assessment
8. Diagnostic Studies
9. Chiropractic Adjustment or Manipulation
10. Emergency Care
11. Case Follow-Up and Review
12. Doctor-Patient Relationship
13. Professional Issues
14. Wellness
15. Ethics and Integrity

TCC Competencies:

Competencies required for a graduate of any Doctor of Chiropractic Program include the following but not limited to:

1. Business Aspects of Practice
2. Communication
3. Nutritional Counseling
4. Public Health
5. Complementary and Alternative Medicine
6. Quality Assurance/Quality Improvement
7. Referral/Collaborative Care
8. Special Populations

LEARNING OUTCOMES: The student will be able to:

1. Recognize an emergent condition and demonstrate assessment skills, interventions and documentation illness. Students will learn to perform physical examination and will also be able to understand axis based diagnosis used in pediatrics.
2. Recognize and manage agitated, combative and belligerent patients in a professional manner considering the need for confidentiality.

3. Recognize pediatric psychiatric emergencies, i.e. suicidal/ homicidal ideation, presence of perceptual disturbances and psychological/psychiatric co-morbidities that may be affecting a patient.
4. Adequately communicate with other health professionals when and if the need arises.
5. Recognize life threatening as well as routine medical illness in children and when to refer out.
6. Understand basic clinical and behavioral sciences in the practice of chiropractic as it relates to the podiatric patient.
7. Recognize the importance of preventive care, ie: vaccinations, safety, nutrition, and risk behavior management.

LEARNING OBJECTIVES: The student must demonstrate ability to:

1. Do a prenatal Interview
2. Do the initial evaluation of the normal infant or child.
3. Do the Initial and follow-up history and physical examinations.
4. Keep up-to-date on vaccinations for infants, children and adolescents.
5. Counsel parent and adolescents as far as safety and avoiding risk behaviors- substance abuse, premature sexual activity and sexually transmitted diseases.
6. Counsel parent and adolescents about pregnancy prevention, obesity, eating disorders and proper nutrition.
7. Assess and manage musculoskeletal and neurologic abnormalities and injuries.

Goal/Rationale of the Course:

1. To establish a solid foundation for clinical understanding of Pediatric conditions,
2. To establish a strong correlation of chiropractic approach to common Pediatric conditions,
3. To establish a good basis for future clinicians.

Teaching Philosophy:

The philosophy of this class is simple: to learn and to have a good foundation to become a good clinician.

This course is to develop a good study habit. I recommend highly that you avoid procrastinating your studying until “last” minute. This course is very demanding and challenging so you should study 30 minutes to an hour every day and a couple of hours on the weekends to retain the information.

The course is presented in lecture form using overhead projector, PowerPoint presentations, and audiovisual (videos on pediatric assessment.) Discussion/class participation is expected to promote critical thinking.

Student Responsibilities:

Participation:

There will be many class discussions on topics of Pediatrics and your participation is expected.

Daily Responsibilities:

It is recommended strongly that you should study on a regular and consistent basis.

Grade Method and Scale:

- Quizzes (2)
- Written Mid-Term Examination
- Written Final Examination

Post-exam review appointments must be made within 2 weeks after the grades are posted. No exam will be reviewed for a grade change after 2-week grace period.

GRADING SCALE:	89.5 – 100	= A
	79.5 – 89.4	= B
	69.5 – 79.4	= C
	Below 69.4	= F

1. One midterm written exam and one comprehensive written final exam will be given. These written exams will be multiple-choice questions.
2. The final course will be determined by the two (2) lecture exams, two (2) quizzes

Course Content and Outline:

Pediatrics — Schedule by Week

- Week 1: Introduction to Pediatrics: Approach to Normal Newborn
- Week 2: Immunization and Safety Issues: Health supervision
- Week 3: Adolescent Medicine: Special Issues
- Week 4: Principle of Pediatric Nutrition, Fluids and Electrolytes
- Week 5: Principle of Pediatric Nutrition, Fluids and Electrolytes (cont'd)
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- Week 6: Review and Mid-Term Exam
- Week 7: Ethical Issues in Pediatric Practice
- Week 8: Developmental Disabilities: Autism Spectrum Disorders
- Week 9: Endocrinology and Disorders of Growth/Quiz # 2
- Week 10: Pediatric Illnesses: Infectious Diseases
- Week 11: Pediatric Illnesses: Infectious Diseases (cont'd)
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- Week 12: Pediatric Emergencies: Trauma, Ingestion and Burns
- Week 13: Final Exam
- Week 14: Final Exam

CLASSROOM POLICIES

1. No food and/or beverages with the exception of clear fluids.
2. Cellular phones & pagers should be turned off or put on silent mode.
3. No talking in class.
4. During the lecture hour, do not interrupt the class and/or my lecture by walking out of class.

Essential Policy Information:

Attendance p. 55 Student Handbook:

Regular and punctual attendance of all scheduled classes and laboratories is expected. A student is subject to academic penalty if absences exceed 10%. Absences exceeding 20% subject a student to dismissal from a course. Three incidences of tardiness may constitute an absence.

If justifiable cause can be shown for the absenteeism, the student may be permitted to make up missed assignments and maintain enrollment in the class.

During the course of their internship, students will be required to be in attendance at the clinic throughout the normal trimester vacation periods unless the clinic is closed. The hours from these periods will be added to the student's clinic requirements.

EXAMINATIONS:

STUDENTS MUST NOTIFY FACULTY BEFORE MISSING ANY EXAMINATION

Missed Examinations:

Students must notify faculty before missing any examination. If an examination is missed for good and sufficient reason and the student has notified the faculty in advance, a make-up examination may be given subject to a fee of \$40.00.

The fee for the make-up examinations is a minimum of \$75.00 if a standardized patient is required for the exam. Additional required standardized patient hours may increase thus \$75.00 minimum fee. All intra-term examinations must be made up prior to the final examination. Missed final exams must be made up within **the first week of the next semester**.

A student may be allowed a maximum of two missed examinations date for good reason and sufficient reason per trimester. These two missed examinations dates are for all enrolled courses in a trimester, not for each individual course. Any request for additional make-up examinations will require documentation substantiating the absence and must be approved by the Dean of Academic Affairs..

Incompletes p. 54 Student Handbook:

Course assignments and examinations must be completed prior to the final examination in that course. Assignments and examinations not completed receive a grade of zero.

Cellular Phones and Pagers p.12 Student Handbook:

Electronic communication devices are to be turned off or placed in silent mode when entering the classroom. This will benefit the learning environment for you, your fellow classmates, and instructors.

Recording policy: any electronic recording of lectures needs to be approved by instructor. Any distribution of electronic recording is prohibited unless it is authorized by professor

Guidance and Counseling p.18 Student Handbook:

The Guidance and Counseling Department is prepared to confidentially assist students with personal, relationship, academic, and mental health-related issues such as depression, conflict, test anxiety, study habits, as well as stress and other life management problems. All appropriate confidentiality is afforded students receiving counseling assistance.

In addition, with appropriate documentation, the Director of Guidance and Counseling coordinates academic-related special needs with faculty members. The Admissions and Registrar's Offices handle curriculum and transfer credit questions.

Other Policies:

The professor maintains the right to alter/change syllabus as needed; the professor will notify students in writing (on Edvance 360) and verbally (in class).