

## Course Syllabus

**Course Number: CLSC 7101**

**Course Title: Advanced Clinical Diagnosis**

Course Director: Michael W. Hall, DC, FIACN

Office Hours: T / Th 11-1:00pm, Wed 12-1pm

Lab Director/Instructors: NA

Trimester Credit Hours: 3

Total Contact Hours Per Trimester: 45

Lab Hours Per Week: 0

Lab Contact Hours/Trimester: 0

### **COURSE DESCRIPTION:**

Advanced Clinical Diagnosis is designed to optimize the skill-set of the young clinician in the process of accurate diagnosis. This course will continue the process of clinical thought and decision making relative to the patient presentation and management. Disorders of both physiology and pathology will be presented. Epidemiological, etiological, and pathogenesis will be presented whenever possible. Chiropractic applications to all dysfunction will be explored as well as current medical management considerations will be discussed. Clinical trends in disorder and dysfunction will be presented. While chiropractic continues to grow with emphasis on healthy lifestyles and regular spinal adjustments, there will be ample discussion on the clinical manifestations of dysfunction and dis-ease in the human body. Adaptive physiology and patterns of decline will be addressed. Active engagement of the student is paramount in the success of this course as the ultimate decision making process in diagnosis and subsequent management will hinge on the students' ability to assimilate the course material into a manageable format.

### **GENERAL APPROACH TO TEACHING:**

This course is a continuation of the clinical process of critical analysis, decision making, and clinical diagnosis. Students are encouraged to be alert, prepared, active, and willingly participate in the class discussions.

The student is expected to be 1) on time for class, 2) to not enter or leave the classroom, 3) to not eat or drink during class (exception of water), 4) to engage in the learning experience, 5) to look for the application of learned material to the practice of chiropractic, 6) to seek help with difficult concepts or topics either from the instructor or other person(s) who is/are doing well with the material, 7) and to not allow themselves to get behind with the material .

### **ESTIMATE OF STUDENT WORKLOAD:**

It is the opinion of the instructor that approximately 4-5 hours per week of focused study will be necessary for successful management of this class. It is advised to take a concept approach and then progress towards a more detailed study.

**LEARNING OUTCOMES:**

At the completion of this course the student should be able to:

1. be able to differentially diagnose disorders of stress, sleep deprivation, and headache.
2. be able to differentially diagnose disorders related to cognitive impairment, memory loss, dementia.
3. be able to differentially diagnose disorders of movement / motor / gait dysfunction
4. be able to differentially diagnose disorders of whiplash, concussion, and neurotrauma.
5. be able to differentially diagnose disorders of RSD, Raynaud's, PAD, and claudication.
6. be able to differentially diagnose disorders of the upper and lower extremities and posture.
7. be able to differentially diagnose disorders of muscle and tendon.

**ASSESSMENT:**

Regular assessments will be performed in the format of weekly quizzes, lecture written exams, and a course final. The quizzes / exams may incorporate questions that are multiple choice format, fill-in the blank, complete or label a diagram, or short answer.

**PREREQUISITES:**

Physical Diagnosis, Clinical Orthopedics, Clinical Neurology

**REQUIRED TEXTBOOKS:**

- 1) Differential Diagnosis and Management for the Chiropractor, 4<sup>th</sup> edition, Souza
- 2) Neuroanatomy thru Clinical Cases, 2<sup>nd</sup> edition, Blumenfeld

**RECOMMENDED ADDITIONAL TEXTBOOKS:**

- 1) Foundations of Chiropractic, 2<sup>nd</sup> edition, Gatterman
- 2) Supplemental Orthopedic, Physical, and Neurology texts

**SUPPLIES:**

Scantron sheets and # 2 pencils for taking exams. Students will need a good clean eraser because NO CREDIT will be given for incomplete erasure mistakes made on the scantron sheet once they are graded

**GRADING SYSTEM:**

Evaluation is an integral part of the educational process and is used as an educational tool to recognize and reward achievement, to help students identify problem areas, and to identify students who are unable to meet the rigors of the curriculum. Final course grades and their interpretation are listed below:

Grade	Numerical Value	Grade Point Average	Interpretation of Academic Achievement
A	89.5 – 100	4.0	Excellent
B	79.5 - 89.49	3.0	Above Average
C	69.5 - 79.49	2.0	Satisfactory
F	69.49 or Below	0.0	Unacceptable

This grading scale is strictly adhered to. There are NO exceptions.

Final course grades and their interpretation are as follows:

1. Quizzes (average of top nine scores) = 25%
2. Three (3) lecture exams = 50%
3. Final exam =25%

**LABS: NA**

**OPEN LABS: NA**

**90/90 RULE:**

This course offers the student the benefits of a 90/90 policy. It is designed to reward the diligent student with an end of the course bonus provided they meet the qualifications of the policy. A student who has a 90 or better average in this course (for all exams and quizzes) and who has attended class 90% or more of the class meetings, will have the option of being exempted from taking the final exam.

A student wishing to be exempt from the final exam must submit this request in writing in person to the course director by the Thursday of the last day of regular classes. Permission to be exempt from the final exam will be given on a case by case basis and will be given at the time of presentation of the written request.

**EXTRA CREDIT:**

There are no extra credit opportunities for this class at this time.

**A complete listing of all Academic policies is found on the MyParker Website/Academic Home Page/Common Policies:**

Absences for Religious Holidays  
Academic Dishonesty  
Academic Promotion, Probation and Dismissal Policy  
Appeals  
Assistance and Accommodations  
Attendance Policy  
Audio/Video Taping  
Cell Phones and Electronic Devices in Class  
Classroom Behavior  
Communications  
Computer Usage  
Examinations (Make up Exams/Lab Practicals)  
Altering Grades on Exams  
Exam Review  
Final Examinations  
Grading System  
Late Instructors to Lecture/Lab  
Missed Exam Policy (same applies to Quizzes)  
Professional Decorum  
Special Needs Consideration  
Student Bereavement Policy  
Excused Absences

**DISCLAIMER**

The lecture outlines contained in the lecture booklet are NOT intended to represent the entire content of the course. A lecture outline is intended to be a guide to the lecture. The responsibility of the instructor is to follow the outline, expand the concepts and give explanation and illustrations to clarify content. The role of the student is to attend lecture and take notes over material presented by the lecturer that explains and illustrates the material listed in the outline. It is also the responsibility of the student to question the instructor if explanations and illustrations are not clearly presented or understood.

The instructors take no responsibility for the accuracy or completeness of old notes, quiz questions or exam questions that students may purchase, acquire from the internet or be given by previous students.

**IMPORTANT NOTE:**

The provisions contained in this syllabus do not constitute a binding contract between the student and the Parker College of Chiropractic. These provisions may be changed at any time and for any reason at the discretion of the Course Director. When it is necessary to make changes to this document, appropriate notice (at least one week, if at all possible) will be given to the student(s).