

COURSE SYLLABUS

I. COURSE NUMBER AND TITLE

PETC 4330
Kinesiology

II. PROFESSOR

Patrick Jacobs; PhD, CSCS-D, FASCM
Office: TBA, Boca Raton Campus
Office hours: Mondays and Wednesdays 2:00 – 5:00 PM
Telephone: TBA
Email: pjacobs4@fau.edu

III. CLASS INFORMATION

Days Mondays and Wednesdays
Times 11:30 AM – 1:40 PM
Location Room 410, BU Building, Boca Raton Campus

III. REQUIRED MATERIALS

The required textbook for this course is:
Floyd, RT. *Manual of Structural Kinesiology* (16th Ed). Boston, MA: McGraw Hill, 2007.
ISBN 0073376434 / 9780073376431

IV. COURSE DESCRIPTION

A study of functional anatomy and elementary biomechanics. Emphasis will be placed on the analysis of the skeletal, muscular and nervous systems and the biomechanical factors associated with efficient motor performance.

V. COURSE OBJECTIVES

Following completion of this course, the student should be able to:

- A) Demonstrate knowledge of anatomical and physiological fundamentals of human movement
- B) Demonstrate knowledge of the fundamentals of biomechanics
- C) Demonstrate knowledge of the principles and applications of motor skills.

VI. CALENDER OF READING AND WRITING ASSIGNMENTS

The student shall be expected to contribute to class discussions. Therefore, it is necessary that reading assignments be completed prior to the class sessions in which those readings are addressed. For the initial schedule of lecture topics per class session, see Section X: Class Sessions and Meeting Times.

VII. COURSE REQUIREMENTS

There will be eight examinations and one final examination administered during this course covering the assigned readings outlined in Section X: Class Sessions and Meeting Times. Each student will be required to make an oral presentation to the class on a rehabilitation or training movement. Topics will be assigned by the Professor.

VIII. CLASS POLICIES

While class attendance will not be directly included as a grading criteria, regular class participation is expected and required for all exams and student presentations. Unexcused absence during scheduled examinations will not be rescheduled and will result in a grade of zero for that exam.

IV. GRADING POLICIES

1.	Eight Examinations (8 x 50)	400 points	73%
2.	Final examination	100 points	18%
3.	Project	50 points	9%
TOTAL GRADE		550 points	100%

GRADING SCALE

94.0 – 100% = A

90.0 – 93.9% = A-

88.0 – 89.9% = B+

84.0 – 87.9% = B

80.0 – 83.9% = B-

78.0 – 79.9% = C+

74.0 – 77.9% = C

70.0 – 73.9% = C-

68.0 – 69.9% = D+

64.0 – 67.9% = D

60.0 – 63.9% = D-

< 59.9% = F

IX. STUDENTS WITH DISABILITIES

In compliance with the Americans with Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) located in Boca Raton – SU 133 (561-297-3880), in Davie – MOD I (954-236-1222), in Jupiter – SR 117 (561-799-8585), or at the Treasure Coast – CO 128 (772-873-3305), and follow all OSD procedures.

X. FAU HONOR CODE

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty, including cheating and plagiarism, is considered a serious breach of these ethical standards, because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see

http://www.fau.edu/regulations/chapter4/4.001_Honor_Code.pdf.

X. CLASS SESSIONS, LOCATION, AND MEETING TIMES:

This course will meet Mondays and Wednesdays from 11:30AM to 1:40 PM, in BU 410. The first class will be held on May 11, 2009 and the Final Examination will be administered August 5, 2009. The following is a tentative schedule of class lectures and associated reading assignments. This schedule will be updated following assignment of the student presentation projects. The revised schedule will then be distributed in class and posted on the class Blackboard webpage.

DATES	LECTURE TOPICS	STUDENT PRESENTATIONS	EXAMS	READING ASSIGN.
May 11 May 13	Orientation Foundations of Kinesiology			Chapter 1
May 18 May 20	Neuromuscular Foundations		EXAM I	Chapter 2
May 25 May 27	Memorial Day NO CLASS Biomechanics		EXAM II	Chapter 4
June 1 June 3	Shoulder Girdle		EXAM III	Chapter 5
June 8 June 10	Shoulder Joint			Chapter 6
June 15 June 17	Elbow and Radioulnar Joints		EXAM IV	Chapter 7
June 22 June 24	Wrist and Hand Joints			Chapter 8
June 29 July 1	Musc Analysis of UE Exerc		EXAM V	Chapter 9
July 6 July 8	Hip Joint and Pelvic Girdle		EXAM VI	Chapter 10
July 13 July 15	Knee Joint		EXAM VII	Chapter 11
July 20 July 22	Ankle and Foot Joints Trunk and Spinal Column		EXAM VIII	Chapter 12
July 27 July 29	Analysis of Lower Extrem Exerc			Chapter 13
August 3	FINAL EXAMINATION			