

Syllabus EXRS 4200/6200 Biomechanics I

8/2007 Office Syllabus.doc

Instructors:

Instructors	Responsibility	Phone no.	e-mail	Office	Office hours
Dr. Kathy Simpson	Professor	706/542-4385	kjsimpsonuga@gmail.com	115H Ramsey	upon appointment
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Course Description: The analysis and application of the mechanical principles involved in human motion. This course is intended for exercise science majors.

Text: Hall, S. *Basic Biomechanics*, 5th Edition, 2006, WCB McGraw-Hill

Lab manual: Download from WebCT

Objectives: The student will be able to:

1. Apply biomechanical principles to human movement situations: performance, training, rehab, injury prevention, etc.
2. Evaluate movement technique using a movement analysis model.
3. Evaluate the mechanics of exercises and activities as they affect the human body.
4. Evaluate external devices used for activities of daily living, exercise and sport.
5. Apply principles related to internal tissue loading to improving tissue structure and function, and to injury prevention.

Evaluation:

A	A-	B+	B	B-	C+	C	C-	F
90.00 - 97.99	89.45 - 89.99	89.01 - 89.44	80.00 - 89.00	79.45 - 79.99	79.01 - 79.44	70.00 - 79.00	69.45 - 69.99	69.44 below

EXRS 4200 Evaluation		EXRS 6200 Evaluation	
Evaluation tool	Proportion of grade	Evaluation tool	Proportion of grade (%)
Quizzes & Assignments	20%	Quizzes and Assignments	10
Test #1	20%	Test #1	20
Test #2	20%	Test #2	20
Test #3	20%	Test #3	20
Project	20%	Research Project	20
N/A	N/A	Contract Activity ¹	10
(Extra credit)	(max 1%)	(Extra credit)	(max 1%)

¹ See Contract Activity document

Information for SUCCESS: is a separate document that is officially part of this syllabus, containing information listed below. Quiz #1 will contain questions regarding the content of this document. Document contains links to other documents, too. Of particular importance, is the "Career on the Line", the section regarding ethics and honesty.

Academic Honesty:

Please read the following regarding academic honesty:

- *Information for Success*, section, “A career on the line” to learn my specific expectations regarding ethics and professional expectations.
- UGA Academic Honesty Statement: **“I will be academically honest in all of my academic work and will not tolerate academic dishonesty of others.” - UGA Student Honor Code**
- If unfamiliar with UGA’s, “A Culture of Honesty”, you are responsible for knowing and abiding by documents found at: http://www.uga.edu/ovpi/honesty/culture_honesty.htm

Resources:

- UGA has a variety of resources, e.g., Writing Center (to help with writing), Learning Disabilities Center, Multicultural Center, etc: <http://www.uga.edu/academics/resources.html>