

Eastern Illinois University
College of Education and Professional Studies
Kinesiology and Sports Studies Department
Spring 2018

KSS 4900J.03 – EKG and Exercise

PROFESSOR: Dr. Stacey Ruholl

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581-3510

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OFFICE HOURS: Monday 10:30 a.m. – 12:00 p.m.
Wednesday 12:00 p.m. – 1:30 p.m.
Thursday 12:00 p.m. – 1:00 p.m.
Other times by appointment.

COURSE

DESCRIPTION: This 1 hour special topics class will cover the electrophysiology of the heart. Through lectures and discussion, students will learn to interpret normal and abnormal EKG rhythms. Topics will include: Anatomy and Physiology of the Heart, Normal Conduction System, Electrophysiology, Calculating Heart Rates, Normal EKG Complex, Arrhythmia Interpretation – Sinus, Atrial, Ventricular, Heart Blocks, Bundle Branch Blocks, ST Changes, and Infarction.

COURSE

OBJECTIVES: To develop a basic understanding of the electrophysiology of the heart. To interpret various dysrhythmias and to understand the implications of each rhythm.

REQUIRED

TEXT: Pocket Guide to Basic Dysrhythmias, 3rd ed. by Robert J. Huszar; Mosby Publishing

EVALUATION: Evaluation will be done through in-class and out-of-class assignments, as well as quizzes and tests and weekly attendance.

A = 90–100% of total points

B = 80-89%

C = 70-79%

D = 60-69%

F = <60%

COURSE

REQUIREMENTS: You are expected to be in attendance and on time for each class meeting. Missing even one class can result in poor performance in the class. Quizzes and tests will not be rescheduled due to an unexcused absence. **You are required to check Desire2Learn daily for announcements, schedule changes, updates, etc. for this class.**

Academic integrity-

Students are expected to maintain principles of academic integrity and conduct as defined in EIU's Code of Conduct (<http://www.eiu.edu/judicial/studentconductcode.php>). Violations will be reported to the Office of Student Standards.

Students with disabilities-

If you are a student with a documented disability in need of accommodations to fully participate in this class, please contact the Office of Student Disability Services (OSDS). All accommodations must be approved through OSDS. Please stop by Ninth Street Hall, Room 2006, or call 217-581-6583 to make an appointment.

The Student Success Center-

Students who are having difficulty achieving their academic goals are encouraged to contact the Student Success Center (www.eiu.edu/~success) for assistance with time management, test taking, note taking, avoiding procrastination, setting goals, and other skills to support academic achievement. The Student Success Center provides individualized consultations. To make an appointment, call 217-581-6696, or go to 9th Street Hall, Room 1302.

TENTATIVE course schedule

** Additional quizzes may be added without advanced notification.

WEEK	DATE	ACTIVITY
1	01/10	Structure and Function of heart
2	01/17	Structure and Function of heart, con't Coronary circulation
3	01/24	Quiz #1 – structure and function of heart; Coronary circulation; conduction system
4	01/31	Conduction System
5	02/07	Quiz #2 - conduction and circulation EKG basics
6	02/14	EKG Analysis
7	02/21	Quiz #3 – EKG basics; EKG Analysis
8	02/28 Midterm	NSR; SA Dysrhythmias
9	03/07	Quiz #4 – EKG analysis; NSR; SA Dysrhythmias
10	03/14	SPRING BREAK!!
11	03/21	Atrial Dysrhythmias
12	03/28	Quiz #5 – NSR, SA Dysrhythmias; Atrial Dysrhythmias
13	04/04	Ventricular Dysrhythmias
14	04/11	Quiz #6 Atrial Dysrhythmias Ventricular Dysrhythmias
15	04/18	Practice Strips
16	04/25	Quiz #7 – Ventricular Dysrhythmias; Review

FINAL EXAM: Tuesday, May 1, 2018 12:30 p.m. – 2:30 p.m.