

## 강의계획서 - 특수집단과운동(Special Populations and Exercise)

교과목명	특수집단과운동	과목명(영문)	Special Populations and Exercise
학수번호	KIN3002	분반	001
강의시간표		학점	3.0
평가방법	절대평가		

교수프로필 (500자 이내)	1) 2002-2007. Ph.D. (Exercise Physiology/Biochemistry), Texas A&M University, USA 2) 2008-2010. Postdoctoral Fellow, East Carolina Diabetes & Obesity Institute, East Carolina University, USA 3) 2010-2011. Faculty, Department of Physiology, East Carolina University School of Medicine, USA
강의목표 (500자 이내)	1) To help prepare students to become competent health care professionals in the area of special populations with chronic diseases. 2) To help students understand the knowledge and skills of the clinical exercise physiology for special populations with aging, obesity, diabetes, cardiovascular disease, neuromuscular disease, etc.
강의개요 (500자 이내)	It will provide students with fundamental knowledge of disease specific pathology and treatment guidelines at the clinical aspects of exercise physiology by examining the relationship between exercise and chronic disease in the special populations. The key areas of special populations are endocrinology, the metabolic system, the cardiovascular system, the respiratory system, bone health, and the neuromuscular system.
주교재 (200자 이내)	서명: Clinical Exercise Physiology, Second Edition 저자: Jonathan Ehrman, etc 출판사: Human Kinetics 출판년도: 2009
부교재 및 참고도서 (500자 이내)	
강의진행방식 (500자 이내)	1) Instructor will provide students with the basic knowledge and concepts in the special populations with chronic diseases such as aging, obesity, diabetes, cardiovascular disease, bone disease, neuromuscular disease, etc. 2) Students will take part in discussion and presentation for the topics in the lecture.
수강시 유의사항 (500자 이내)	- This class will be taught in English - Office hours: Monday, Tuesday, and Friday 14:00 - 16:00 (always best to make an appointment by phone or email) - Office location: Room # 1506 in Hi-Tech Center - Office phone: 032) 860-8183 - Email: kwakhb@inha.ac.kr
공학인증관련 (해당강좌에 한함, 200자 이내)	
e-learning 중간고사 유형	기타

### 평가기준

중간고사	기말고사	출석	과제	퀴즈	토론	기타	합계
30.0%	30.0%	20.0%	10.0%	0.0%	10.0%	0.0%	100.0%
평가비율 공개여부		비공개					

### 평가비율

A+	A0	B+	B0	C+	C0	D+	D0	합계
0%	0%	0%	0%	0%	0%	0%	0%	0%

### 강의계획서

주차	구분	내용	강의방식
1주	강의주제	Introduction	
	강의내용	Instructor and Students, Lecture	
	시험 및 과제		
2주	강의주제	Basic exercise Physiology (1)	
	강의내용	Skeletal muscle: structure an function	
	시험 및 과제		
3주	강의주제	Basic exercise Physiology (2)	
	강의내용	Heart: structure and function	
	시험 및 과제		

4주	강의주제	Applied exercise physiology	
	강의내용	Exercise test and prescription	
	시험 및 과제		
5주	강의주제	Children and exercise	
	강의내용		
	시험 및 과제		
6주	강의주제	The elderly and exercise	
	강의내용		
	시험 및 과제		
7주	강의주제	Female and exercise	
	강의내용		
	시험 및 과제		
8주	강의주제	Midterm Exam: Over the preceding seven lectures	
	강의내용		
	시험 및 과제		
9주	강의주제	Obesity/Diabetes and exercise	
	강의내용		
	시험 및 과제		
10주	강의주제	Cardiovascular disease and exercise	
	강의내용		
	시험 및 과제		
11주	강의주제	Osteoporosis and exercise	
	강의내용		
	시험 및 과제		
12주	강의주제	Spinal cord injury and exercise	
	강의내용		
	시험 및 과제		
13주	강의주제	Student presentation (1): children, the elderly	
	강의내용		
	시험 및 과제		
14주	강의주제	Student presentation (2): female, obesity/diabetes	
	강의내용		
	시험 및 과제		
15주	강의주제	Student presentation (3): cardiovascular disease, osteoporosis, etc	
	강의내용		
	시험 및 과제		
16주	강의주제	Final Exam: Over the preceding seven lectures	
	강의내용		
	시험 및 과제		