

강의계획서

교과목명	신경물리치료학 III	이수구분	전선
교과코드	1313	분반	01
학과	물리치료학과	학년	3
교수	Mi Young Lee	학점/강의	2/4
강의시간	금(1~4)	E-mail	
제한인원		면담가능시간	
교과목개요 및 학습목표	Students will learn about the pathophysiology, rehabilitation treatment as well as general treatment options for various neurological disorders such as spinal cord injury, traumatic brain injury, Parkinson's disease, Alzheimer's disease, Multiple sclerosis and more.		
교재 및 참고문헌	Spinal Cord Injury Functional Rehabilitation Martha Freeman Somers ,		
학습 평가방법	중간시험(25%),기말시험(25%),출석(20%),과제(20%),기타(10%)		
핵심역량			
기타안내 및 유의사항			

주차	강의범위 및 내용
제 1주	학습목표:Introduction, Multiple Sclerosis (MS) 주요학습내용:Students will be given an introduction and orientation on what topics will be reviewed and discussed in this course. Students will start with learning about the pathophysiology and neurological deficits and treatment associated with MS. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet
제 2주	학습목표:Guillian Barre Syndrome, Parkinson's Disease part 1, MS review 주요학습내용:Students will be introduced to the different aspects of GBS, PD, and will also get a chance to review over MS. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet
제 3주	학습목표:PD parts 2 and 3, review GBS and PD part 1 주요학습내용:Students will continue to learn more about the possible functional and neurological deficits associated with PD and rehabilitation/management methods. GBS will also be reviewed. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet
제 4주	학습목표:Traumatic Brain Injury (TBI) parts 1 and 2, review PD parts 1 and 2 주요학습내용:Students will be introduced to the causes, pathophysiology, medical and rehabilitative management options for TBI. PD will also be reviewed. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet
제 5주	학습목표:TBI-II parts 1 and 2 주요학습내용:Students will continue to learn about Ranchos Los Amigos levels for TBI as well as further

	<p>rehabilitative management strategies for patients with TBI (lower levels) 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet</p>
제 6주	<p>학습목표:TBI-III parts 1 and 2 주요학습내용:Students will learn about various rehabilitation management methods for upper level TBI patients. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet</p>
제 7주	<p>학습목표:Alzheimer's Disease parts 1 and 2, TBI review 주요학습내용:Students will learn about the pathophysiology, prevention, treatment options for AD. TBI will also be reviewed. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet</p>
제 8주	<p>학습목표:AD part 3, review of parts 1 and 2 주요학습내용:Further topics on rehabilitation management for AD will be discussed. AD parts 1 and 2 will be reviewed. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet</p>
제 9주	<p>학습목표:Midterm exam 수업방법:시험</p>
제 10주	<p>학습목표:Spinal cord injury (SCI)-I parts 1 and 2, review TBI, MS, PD lab 주요학습내용:Students will be introduced to the topic of SCI according to the various level of injury and will also review the ASIA scale. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT, worksheet 수업자료:worksheet</p>
제 11주	<p>학습목표:Functional outcome and ASIA, SCI-1 lab 주요학습내용:Students will learn about the functional outcomes of patients with SCI according to their level of injury and will meet for lab to discuss how to determine the ASIA level for various patients. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT and worksheet 수업자료:worksheet</p>
제 12주	<p>학습목표:SCI-II Functional Rehabilitation Strategies, Functional outcomes lab 주요학습내용:Students will be introduced to some basic functional rehabilitation strategies according to the SCI level. Students will learn about the fundamental functional outcome skills. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT and worksheet 수업자료:worksheet</p>
제 13주	<p>학습목표:SCI-III Functional mat activities and SCI-IV transfer skills part 1 + functional outcomes lab 주요학습내용:Students will learn about mat activities for patients with SCI according to various levels of injury. 수업방법:블렌디드수업(대면+비대면수업) 수업자료:PPT and worksheet 수업자료:worksheet</p>
제 14주	<p>학습목표:SCI transfers and wheelchair skills + practice lab 주요학습내용:Students will learn some basic transfer and wheelchair skills for patients with SCI. Students will also</p>

practice the previous skills learned throughout this course in preparation for the lab practical exam.

제 15주

학습목표:Final exam

수업방법:시험

제 16주

학습목표:Lab Practical Exam

주요학습내용:Students will be given a chance to demonstrate what they have learned throughout this course during the practical lab exam.

수업방법:블렌디드수업(대면+비대면수업)