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<tr>
<th>開課系所</th>
<th>物理治療學系</th>
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<tr>
<td>開課學年</td>
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<tr>
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<td>第2學期</td>
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<tr>
<td>課程名稱</td>
<td>神經解剖學實習</td>
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<tr>
<td>Course</td>
<td>Neuroanatomy Lab</td>
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<tr>
<td>課程碼</td>
<td>I621900</td>
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<td>分班碼</td>
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<td>先修科目</td>
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<td>學分數</td>
<td>1</td>
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<tr>
<td>開課教師</td>
<td>楊政峰</td>
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<tr>
<td>email</td>
<td><a href="mailto:jfyang@mail.ncku.edu.tw">jfyang@mail.ncku.edu.tw</a></td>
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<tr>
<td>電話</td>
<td>(06)2353535轉5927</td>
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<tr>
<td>Office Hours</td>
<td>Monday 1:00 - 5:00 PM</td>
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課程概述: This course is designed for the students of physical therapy. The materials covers the structures and functions of the nervous system, emphasizing the context related to human movement.

教學目標: Upon the completion of this course, the students should be able to
1. illustrate and identify the brain structures;
2. describe how the sensory and motor system function;
3. appreciate the interrelation between anatomical structure and function of the nervous system;
4. understand the blood supply to the brain areas and the circulation of cerebrospinal fluid.
大綱明細
02/22  Introduction
02/29  Cerebral topography/ Midbrain, hindbrain, spinal cord (Ch. 2 & 3)
03/07  Meninges/ Blood supply of the brain (Ch. 4 & 5)
03/14  Lab I
03/21  Innervation of muscles, joints, and skin (Ch. 10 & 11)
03/28  Spinal cord: ascending & descending (Ch. 15 & 16)
04/11  Written midterm exam
04/18  Brain stem/ Trigeminal nerve/ Facial nerve/ Vestibular nerve (Ch. 17, 19, 21, 22)
04/25  Reticular formation/ Thalamus (Ch. 24, 27)
05/02  Cerebellum (Ch. 25)
05/09  Lab II
05/16  Cerebral cortex (Ch. 29)
05/23  Hemispheric asymmetries (Ch. 32)
05/30  Basal ganglia (Ch. 33) (by Professor Kuo)
06/06  Lab III
06/13  Lab final exam
06/20  Written final exam

參考書目
❖ FitzGerald MJT, Gruener G, Mtui E.: Clinical neuroanatomy and neuroscience (5th eds.) Elsevier Saunders, 2007

課程要求
Attend the classes and participate in discussion.

評量方式
Lecture:
Class Participation: 10%, Midterm Exam: 45%, Final Exam: 45%.
Lab:
Class Participation: 10%, Final Exam: 90%.

課程網址
http://moodle.ncku.edu.tw

助教資訊

備註