

*\* In the Name of God \**  
**Department of Physiology**  
**The Medical School**  
**Shiraz University of Medical Sciences**  
**Advance Neurophysiology of Nerve & Muscle**  
**(M.Sc. student of physiotherapy)**  
**1<sup>st</sup> Semester (1403-1404)**

Time: Sunday 8-12

Date			Title	Lecturer
1	Sunday	03/6/25	Synaptic transmission I	Dr. Nazari
2	Sunday	03/6/25	Synaptic transmission II	"
	Sunday	03/7/1	Motor unit and muscle action potential and contraction	
3	Sunday	03/7/8	Organization of CNS and Somatosensory	"
5	Sunday	03/07/29	Spinal reflexes	Dr. Hatam
6	Sunday	03/07/29	Locomotion and Posture	"
7	Sunday	03/08/20	Primary motor cortex	"
8	Sunday	03/08/20	Supplementary and premotor cortex	"
9	Sunday	03/08/27	Brain stem motor function	"
10	Sunday	03/08/27	Vestibular system	"
11	Sunday	03/09/4	Cerebellum	"
12	Sunday	03/09/4	Basal ganglia	"
13	Sunday	03/09/11	Cerebral cortexes	"
14	Sunday	03/09/11	Limbic system	"
15	Sunday	03/09/18	Learning and memory	"
16	Sunday	03/09/18	State of brain activity, sleep and epilepsy	"
16	Sunday	03/09/25	Seminar	"

**Midterm exam:**

**Final Exam:**

**References**

- 1- Physiology (2018) by R.M. Berne & M.N. Levy
- 2- Text book physiology Guyton and Hall 2021

**Course coordinator: Dr.Hatam**