

By Dr. A. Abbasi

Sahand University of Technology Department of Biomedical Engineering

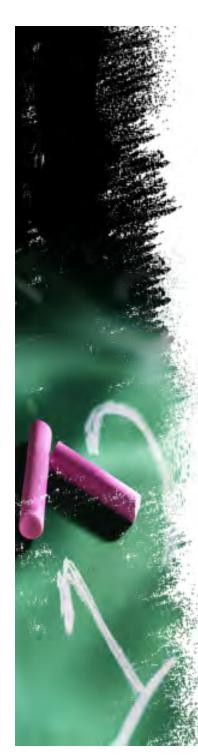
Office:

Motahari Building, 2th Floor

Tel: (+98 412) 3459356

Fax: (+98 412) 3444322

Email: ata.abbasi@sut.ac.ir



About Course

Name: electrophysiology

Number of units: 3

Syllabus:

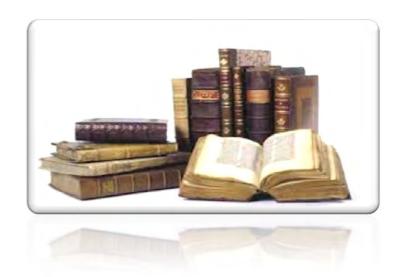
- Bioelectric potentials
- Channels
- Action potentials
- Impulse propagation
- Electrical stimulation
- Extracellular fields
- Functional electrical stimulation

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Reference

- Bioelectricity- A Quantitative Approach 3rd ed. - R.C. Plonsey - Springer (2007).
- Dynamical Systems in Neuroscience -E.M. Izhikevich - Massachusetts Institute of Technology (2007).



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