**Ankara Üniversitesi**

**Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

### Çalışma Planı (Çalışma Takvimi)

| **Haftalar** | **Haftalık Konu Başlıkları** |
| --- | --- |
| 1.Hafta |  |
| * Cell membrane |
| * Membrane proteins and their functions |
| 2.Hafta | * Passive transport |
| * Diffusion |
| * Regulation of diffusion |
| 3.Hafta | * Osmosis |
| * Donnan Equilibrium |
| * Facilitated diffusion |
| * Active transport |
| 4.Hafta | * Sidedness |
| * Resting membrane potential |
| * Action potential |
| * Mechanism of ion channel changes |
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| 5.Hafta |  |
| * Threshold potential |
| * All-or-none |
| * Absolute refractory period |
| * Relative refractory period |
| * Action potential propogation |
| 6.Hafta |  |
| * Basic Principles of Bioelectrical Activity of Heart |
| * Cardiac Conduction System |
| * Einthoven Triangle - Leads |
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| 7.Hafta |  |
| * Principles of ECG |
| * Interpretation of normal ECG |
| * Measuring heart rate |
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| 8.hafta |  |
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| * Ventilation and lung mechanics |
| * Transport of oxygen in blood |
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| 9.Hafta | Partial Pressures of Gases |
| Alveolar Gas Pressures |
| Alveolar-Blood Gas Exchang |
| Partial Pressures of Gases |
| 10.Hafta | * Mechanics of Single-Fiber * Contraction |
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| 11.Hafta |  |
| * Lever Action of Muscles and Bones * Skeletal-Muscle Disease |
| Control of Muscle Tension |
| Control of Shortening Velocity |
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| 12.Hafta |  |
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| * Biolelectrical potentials |
| * MRI, CT |
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| 13.Hafta |  |
| * Synapses |
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| 14.Hafta |  |
| * Synapses |
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