**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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