**Ankara University**

**Library and Documantation Center**

**Open Courseware**

### Course Schedule

| **Weeks** | **Topics** |
| --- | --- |
| Week 1 |  |
| * Problems in plant propagation |
|  |
| Week 2 |  |
| * Propagation by cuttings |
|  |
| Week 3 |  |
| * Source of cuttings |
|  |
|  |
| Week 4 |  |
|  |
| * How to prepare cuttings |
|  |
|  |
|  |
| Week 5 |  |
| * Environmental conditions during adventitous root formation (ARF) |
|  |
|  |
|  |
|  |
| Week 6 |  |
|  |
| * Mechanism of adventitous root formation |
|  |
|  |
|  |
|  |
|  |
| Week 7 |  |
|  |
| * Internal conditions of plant during ARF. |
|  |
|  |
|  |
| Week 8 |  |
|  |
| * Exogenous factors of plant during ARF |
|  |
|  |
|  |
| Week 9 |  |
|  |
| * Changes that have occured during ARF |
|  |
| Week 10 |  |
|  |
|  |
|  |
| Week 11 |  |
|  |
| * Anatomical and histological changes during ARF |
|  |
|  |
| Week 12 |  |
|  |
| * Biochemical changes during ARF |
|  |
|  |
|  |
|  |
| Week 13 |  |
| * Biochemical changes during ARF |
|  |
|  |
| Week 14 |  |
| * Discussion |
|  |
|  |