**Ankara University**

**Library and Documentation Department**

**OPEN COURSEWARE**

### Study Plan (Working Schedule)

| **Weeks** | **Weekly Topics**  |
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| 1.Week | Introduction to 3D Printing |
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| 2.Week | 3D Printing Technology |
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| 3.Week | FDM Printing |
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| 4.Week | SLA Printing |
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| 5.Week | SLS Printing |
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| 6.Week | 3D softwares |
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| 7.Week | 3D Scanning, Imaging & Reconstruction |
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| 8.Week | Midterm Exam |
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| 9.Week | 3D Printing in veterinary medicine |
| * Educational models
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| 10.Week | 3D Printing in Veterinary Medicine |
| * Presurgical planning
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| * Surgical guides
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| 11.Week | 3D Printing in Veterinary Medicine  |
| * Clinical approach – Case spesific modelling
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| 12.Week | 3D Printing in Veterinary Medicine |
| * Lab science
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| 13.Week | Bioprinting |
| * Introduction to bioprinting
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| 14.Week | Future of 3D printing in Medicine |
| * Creation of the functional organ models
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