



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|---|----------------------|--|---|--------------------------------|---|------------|---|
| Course Title | | The Use of Material in Orthopedic Surgery | | | | | | | |
| Course Code | | VCR604 | | Couse Level | | Third Cycle (Doctorate Degree) | | | |
| ECTS Credit | 5 | Workload | 126 (<i>Hours</i>) | Theory | 1 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | To gain knowledge and skills about materials and methods used in orthopaedic surgery. | | | | | | | |
| Course Content | | The course content include orthopedic devices and supplies should be in the set | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion | | | | | |
| Name of Lecturer(s) | | Assoc. Prof. Rahime YAYGINGÜL | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 30 |
| Final Examination | 1 | 60 |
| Seminar | 1 | 10 |

Recommended or Required Reading

| | |
|---|---|
| 1 | 1. Aslanbey D. (2000). Veteriner Ortopedi ve Travmatoloji. Malatya: Medipress 2. Yanık K(2004). Ortopedi ve Travmatoloji.U.Ü Veteriner Fakültesi yayınları. Bursa |
|---|---|

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | Preparation of the patient, surgical approaches and fracture reduction |
| 2 | Theoretical | Surgical instruments required for osteosynthesis-1 |
| 3 | Theoretical | Surgical instruments required for osteosynthesis-2 |
| 4 | Theoretical | The use of intramedullary pins-1 |
| 5 | Theoretical | The use of intramedullary pins-2 |
| 6 | Theoretical | Cerclage wires and their use |
| 7 | Theoretical | The use of screw types |
| 8 | Intermediate Exam | Midterm exam |
| 9 | Theoretical | Plate types and use-1 |
| 10 | Theoretical | Plate types and use-2 |
| 11 | Theoretical | External Skeletal Fixator-1 |
| 12 | Theoretical | External Skeletal Fixator-2 |
| 13 | Theoretical | External Skeletal Fixator-3 |
| 14 | Theoretical | Clinical Case Discussion |
| 15 | Theoretical | Clinical Case Discussion |
| 16 | Theoretical | Clinical Case Discussion |
| 17 | Final Exam | Final Exam |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 1 | 14 |
| Seminar | 2 | 0 | 25 | 50 |
| Individual Work | 1 | 20 | 0 | 20 |
| Midterm Examination | 1 | 20 | 1 | 21 |
| Final Examination | 1 | 20 | 1 | 21 |
| Total Workload (Hours) | | | | 126 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 5 |

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

| | |
|---|--|
| 1 | 1. Student get theoretical information about the materials used and the methods applied in orthopedic surgery. |
| 2 | 2. Student can choose appropriate material and method for cases. |
| 3 | 3. Student can apply the chosen method. |
| 4 | To learn knowledge and propose suggestions on the area |
| 5 | To find out and use resources about the profession in the area. |

Programme Outcomes (*Surgery (Veterinary Medicine) Doctorate*)

| | |
|----|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 |
|-----|----|----|----|
| P1 | 5 | 5 | 5 |
| P2 | 5 | 5 | 5 |
| P3 | 4 | 4 | 4 |
| P4 | 4 | 4 | 4 |
| P5 | 4 | 4 | 4 |
| P6 | 4 | 4 | 4 |
| P7 | 2 | 2 | 2 |
| P8 | 4 | 4 | 4 |
| P9 | 3 | 3 | 3 |
| P10 | 4 | 4 | 4 |
| P11 | 4 | 4 | 4 |
| P12 | 3 | 3 | 3 |

