



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|  |   |   |                      |   |   |                                |   |            |   |
|--|---|---|----------------------|---|---|--------------------------------|---|------------|---|
| Course Title                                     |   | General Anaesthesia in Dog and Cat  |                      |   |   |                                |   |            |   |
| Course Code                                      |   | VCR612  |                      | Couse Level   |   | Third Cycle (Doctorate Degree) |   |            |   |
| ECTS Credit                                      | 5 | Workload  | 123 ( <i>Hours</i> ) | Theory  | 1 | Practice                       | 0 | Laboratory | 0 |
| Objectives of the Course                         |   | To gain knowledge about dosages, application ways, impact times, advantages and disadvantages of general anesthesia in dogs and cats  |                      |   |   |                                |   |            |   |
| Course Content                                   |   | anesthesia, analgesia, sedation, anesthesia, preparation, premedication, anesthetic agents, intravenous anesthesia, inhalational anesthetic, dissociative anesthetic agents, muscle relaxants, neonatal anesthesia, local analgesia, postoperaratif care in dogs and cats |                      |   |   |                                |   |            |   |
| Work Placement                                   |   | N/A   |                      |   |   |                                |   |            |   |
| Planned Learning Activities and Teaching Methods |   |   |                      | Explanation (Presentation), Demonstration, Case Study |   |                                |   |            |   |
| Name of Lecturer(s)                              |   | Assoc. Prof. Rahime YAYGINGÜL   |                      |   |   |                                |   |            |   |

### Assessment Methods and Criteria

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

### Recommended or Required Reading

|   |   |
|---|---|
| 1 | 1. Topal, A., (2005) Veteriner Anestezi, Bursa: Nobel Kitap evi   |
| 2 | 2. Thurmon, J.C, Tranquilli W.J., Benson G.J., Lumb, W.V. (1996). Lumb and Jones' Veterinary Anesthesia. London: Mosby. |
| 3 | 3. McKelvey D., Hollingshead W. (2003). Veteriner Anesthesia and Analgesia London: Mosby.                               |

| Week | Weekly Detailed Course Contents |  |
|------|---------------------------------|--|
| 1    | Theoretical                     | anesthesia, analgesia, sedation in Dogs                              |
| 2    | Theoretical                     | premedication in dogs  |
| 3    | Theoretical                     | Anesthetic agents used in dogs                                       |
| 4    | Theoretical                     | Total intravenous anesthesia in dogs                                 |
| 5    | Theoretical                     | Inhalation anesthesia in dogs  |
| 6    | Theoretical                     | Dogs dissociative anesthetic and muscle relaxant agents              |
| 7    | Theoretical                     | Local anesthesia in dogs   |
| 8    | Intermediate Exam               | Mid-term exam  |
| 9    | Theoretical                     | Cats anesthesia, analgesia, sedation                                 |
| 10   | Theoretical                     | Sedative and opioid combinations used in cats                        |
| 11   | Theoretical                     | Cats anesthetic preparation, anesthesia techniques and premedication |
| 12   | Theoretical                     | Anesthetic agents used in cats                                       |
| 13   | Theoretical                     | Total intravenous anesthesia in cats                                 |
| 14   | Theoretical                     | Inhalation anesthesia in cats  |
| 15   | Theoretical                     | Cats muscle relaxants  |
| 16   | Theoretical                     | Local anesthesia in cats   |
| 17   | Final Exam                      | Final exam   |

### Workload Calculation

| Activity            | Quantity | Preparation | Duration | Total Workload |
|---------------------|----------|-------------|----------|----------------|
| Lecture - Theory    | 14       | 0           | 2        | 28             |
| Lecture - Practice  | 14       | 0           | 2        | 28             |
| Assignment          | 1        | 0           | 15       | 15             |
| Midterm Examination | 1        | 20          | 1        | 21             |



|   |   |    |   |     |
|---|---|----|---|-----|
| Final Examination                       | 1 | 30 | 1 | 31  |
| Total Workload (Hours)                  |   |    |   | 123 |
| [Total Workload (Hours) / 25*] = ECTS   |   |    |   | 5   |
| *25 hour workload is accepted as 1 ECTS |   |    |   |     |

### Learning Outcomes

|   |   |
|---|---|
| 1 | Gains knowledges about Indications and anesthetic agents used for general anesthesia in dogs and cats |
| 2 | 2. Apply the techniques of general anesthesia is indicated in dogs and cats                           |
| 3 | 3. Knows the problems that may occur during general anesthesia in dogs and cats and takes cautions    |
| 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 | L4 | L5 |
|-----|----|----|----|----|----|
| P1  |    | 5  |    |    |    |
| P2  | 3  |    | 5  | 5  |    |
| P3  |    |    |    |    | 5  |
| P4  |    | 5  |    |    |    |
| P5  | 4  |    |    |    |    |
| P6  |    |    | 5  |    | 5  |
| P7  |    | 5  |    | 5  |    |
| P8  | 5  |    |    |    |    |
| P9  |    |    | 5  |    |    |
| P10 | 3  |    |    | 5  | 5  |
| P11 |    | 5  |    |    |    |
| P12 |    |    | 5  |    |    |

