



**AYDIN ADNAN MENDERES UNIVERSITY**  
**AYDIN VOCATIONAL SCHOOL OF HEALTH SERVICES**  
**MEDICAL SERVICES AND TECHNIQUES**  
**MEDICAL LABORATORY TECHNIQUES**  
**COURSE INFORMATION FORM**

|  |   |          |            |              |   |                                  |   |            |   |
|--|---|----------|------------|--------------|---|----------------------------------|---|------------|---|
| Course Title                                     | Photography   |          |            |              |   |                                  |   |            |   |
| Course Code                                      | TS804   |          |            | Course Level |   | Short Cycle (Associate's Degree) |   |            |   |
| ECTS Credit                                      | 2   | Workload | 46 (Hours) | Theory       | 2 | Practice                         | 0 | Laboratory | 0 |
| Objectives of the Course                         | In this course, it is targeted to inform students about the invention of photograph, cameras and lenses, films and digital sensors, effect of light on creating image, colours and their psychological effects, frame and general composition rules of photographic image.                                    |          |            |              |   |                                  |   |            |   |
| Course Content                                   | Birth and Historical Development of Photography, Structure of a Camera, Other Materials Related with Photos, Types of Taking Photos, Light and Colour, Types of Lights Used while Taking Photos, Psychological Effects of Colours and Colour Systems, Functions and Features of Light, Composition in Photos. |          |            |              |   |                                  |   |            |   |
| Work Placement                                   | N/A   |          |            |              |   |                                  |   |            |   |
| Planned Learning Activities and Teaching Methods | Explanation (Presentation), Demonstration, Project Based Study  |          |            |              |   |                                  |   |            |   |
| Name of Lecturer(s)                              | Ins. Perihan ÖGDÜM  |          |            |              |   |                                  |   |            |   |

#### Assessment Methods and Criteria

| Method              | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1        | 40             |
| Final Examination   | 1        | 60             |

#### Recommended or Required Reading

|   |  |
|---|--|
| 1 | Özer Kanburoğlu, Fotoğrafın Büyüsü Işık, Say Yayınları             |
| 2 | Özer Kanburoğlu, İyi Fotoğraf Nasıl Çekilir, Say Yayınları         |
| 3 | Emre İközler-Faruk Akbaş, Fotoğraf Teknik Okumaları, Say Yayınları |
| 4 | Sabit Kalfagil, Kompozisyon, Fotoğrafevi Yayınları E-Kaynaklar     |

| Week | Weekly Detailed Course Contents |   |
|------|---------------------------------|---|
| 1    | Theoretical                     | Birth and Historical Development of Photography   |
| 2    | Theoretical                     | Structure of a Camera   |
| 3    | Theoretical                     | Structure of a Camera   |
| 4    | Theoretical                     | Other Materials Related with Photos (tripod, exposure meter, films, photoflash, cards, filter etc.) |
| 5    | Theoretical                     | Types of Taking Photos (portrait, landscape, macro, indoors/outdoors etc.)                          |
| 6    | Theoretical                     | Light and Colour  |
| 7    | Theoretical                     | Psychological Effects of Colours and Colour Systems   |
| 8    | Intermediate Exam               | sınav   |
| 9    | Theoretical                     | Functions and Features of Light   |
| 10   | Theoretical                     | Types of Lights Used while Taking Photos  |
| 11   | Theoretical                     | Composition in Photos   |
| 12   | Theoretical                     | Composition in Photos   |
| 13   | Theoretical                     | Composition in Photos   |
| 14   | Theoretical                     | Composition in Photos   |
| 15   | Theoretical                     | Composition in Photos   |

#### Workload Calculation

| Activity                              | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory                      | 14       | 1           | 2        | 42             |
| Midterm Examination                   | 1        | 1           | 1        | 2              |
| Final Examination                     | 1        | 1           | 1        | 2              |
| Total Workload (Hours)                |          |             |          | 46             |
| [Total Workload (Hours) / 25*] = ECTS |          |             |          | 2              |

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

|   |   |
|---|---|
| 1 | Students know natural light and artificial lighting techniques. Students use these techniques for taking photos |
| 2 | Students know about the lighting of photograph studios  |
| 3 | Students work as photographers at photograph studios or as freelancers.   |
| 4 | know composition in photography   |
| 5 | makes visual reading  |

**Programme Outcomes (Medical Laboratory Techniques)**

|    |   |
|----|---|
| 1  | To be able to have sufficient back ground in medical laboratory techniques and medical laboratory branches (biochemistry, microbiology, parasitology, sitogenetik etc.); the ability to use theoretical and practical knowledge in these fields.                              |
| 2  | To be able to have the basic theoretical and practical knowledge and other resources have been supported applications and tools based on secondary-level qualifications gained in the field of Medical Laboratory Techniques Program to-date text books containing formations |
| 3  | To be able to have basic knowledge about structure and function of systems in human, to analyse these data on tissue, cell and diseases.  |
| 4  | To be able to analyse the medical samples necessary for physicians by using tools, equipment and techniques at the diagnostic and the therapeutic laboratories of health agencies and evaluate the data.  |
| 5  | To be able to use the medical laboratory tools and equipments according to rules and techniques, and make controls and maintenance of them  |
| 6  | To be able to perform basic tests of related different medical laboratories, prepare solutions.   |
| 7  | To be able to perform proper sample collection and transport procedures for the medical laboratory tests from the patient.  |
| 8  | To be able to perform preanalytical sample preparation procedure, prepare inspection preparations, perform disinfection and sterilization   |
| 9  | To be able to interpret and evaluate data, define and analyze problems, develop solutions based on research and proofs by using acquired basic knowledge and skills with in the field.  |
| 10 | To be able to have knowledge about work organization and carry out related practice in medical laboratories   |
| 11 | To be able to carry out laboratory safety protocols, take individual safety precaution and create safe laboratory environment.  |
| 12 | To be able to gain the ability to apply by viewing and evaluating the processes related to his/her fields in public and private sector.   |
| 13 | To be able to gain the awareness of the necessity of life long learning, ability to follow developments in science and technology and self-renewal.   |
| 14 | To be able to help laboratory experts and medical scientists for their researches   |
| 15 | To be able to be aware of individual and public health, environmental protection and job security issues, understanding the basic level of the relationship.  |
| 16 | To be able to grasp principles of Atatürk and their evolutions, to ensure national, ethical, spiritual and cultural values, to adopt to universal and contemporary developments   |
| 17 | To be able to communicate efficiently for medical service and speak Turkish efficiently.  |
| 18 | To be able to communicate in English at basic level, utilize foreign language on occupational practice  |

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

|     | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P17 | 5  | 5  | 5  | 5  | 5  |

