

# TOROS ÜNİVERSİTESİ

Vocational School  
Oral And Dental Health

## Course Information

| ERGONOMY IN DENTISTRY |          |             |          |                 |             |
|-----------------------|----------|-------------|----------|-----------------|-------------|
| Code                  | Semester | Theoretical | Practice | National Credit | ECTS Credit |
|                       |          | Hour / Week |          |                 |             |
| ADS232                | Spring   | 2           | 0        | 2               | 3           |

|   |  |
|---|--|
| <b>Prerequisites and co-requisites</b>      |  |
| <b>Language of instruction</b>              | Turkish  |
| <b>Type</b>                                 | Required   |
| <b>Level of Course</b>                      | Associate  |
| <b>Lecturer</b>                             | Lecturer Suat Erdem TORĞUTALP  |
| <b>Mode of Delivery</b>                     | Face to Face   |
| <b>Suggested Subject</b>                    |  |
| <b>Professional practise ( internship )</b> | None   |
| <b>Objectives of the Course</b>             | Knowledge About Ergonomic Working For Dental Staff Assistants  |
| <b>Contents of the Course</b>               | A brief history on the emergence of ergonomics. Dental ergonomics. Methods of facilitating work in dentistry. Movement saving in dentistry principles. Muayanehane organization. Clinical plans in dentistry. Four-fifty dentistry definition. The relationship between ergonomics and four-fifty dentistry. Benefits of four to fifty dentists. Four basic dental principles. Methods of application of four-fifty dentists. Four The help of your assistant in the implementation of fifty dentists. |

## Learning Outcomes of Course

| # | Learning Outcomes   |
|---|---|
| 1 | definition of ergonomics and Dental ergonomics                            |
| 2 | Tools for Clinical Use - Things to Consider in Choosing Tools and Devices |
| 3 | Four Handed Dentistry - Working Order - Ergonomic Principles              |
| 4 | Workplace Assessment, Solution Proposals - Clinical Ergonomic Regulations |

## Course Syllabus

| #  | Subjects   | Teaching Methods and Technics |
|----|--|-------------------------------|
| 1  | definition of ergonomics                         | Lecture, Presentation         |
| 2  | Dental Ergonomics                                | Lecture, Presentation         |
| 3  | time management and human resources              | Lecture, Presentation         |
| 4  | Dental Aims and Responsibilities                 | Lecture, Presentation         |
| 5  | Tools for Clinical Use                           | Lecture, Presentation         |
| 6  | Things to Consider in Choosing Tools and Devices | Lecture, Presentation         |
| 7  | Four Handed Dentistry                            | Lecture, Presentation         |
| 8  | Midterm  |                               |
| 9  | Working Order                                    | Lecture, Presentation         |
| 10 | Ergonomic Principles                             | Lecture, Presentation         |
| 11 | Clinical Ergonomic Regulations                   | Lecture, Presentation         |

|    |   |                       |
|----|---|-----------------------|
| 12 | Occupational Musculoskeletal Problems and Treatment | Lecture, Presentation |
| 13 | Clinical Architecture and Design                    | Lecture, Presentation |
| 14 | Workplace Assessment, Solution Proposals            | Lecture, Presentation |
| 15 | general assessment                                  | Lecture, Presentation |
| 16 | Final Exam  |                       |

## Course Syllabus

| # | Material / Resources   | Information About Resources | Reference / Recommended Resources |
|---|--|-----------------------------|-----------------------------------|
| 1 | Dental Assistant in Four Handed Dentistry and Clinical Management (Prof. Dr. Mehmet Ali KILIÇARSLAN) |                             |                                   |

## Method of Assessment

| # | Weight | Work Type     | Work Title    |
|---|--------|---------------|---------------|
| 1 | 40%    | Mid-Term Exam | Mid-Term Exam |
| 2 | 60%    | Final Exam    | Final Exam    |

## Relationship between Learning Outcomes of Course and Program Outcomes

| # | Learning Outcomes   | Program Outcomes     | Method of Assessment |
|---|---|----------------------|----------------------|
| 1 | definition of ergonomics and Dental ergonomics                            | 1,2,3,4,5,6,10,12    | 1,2                  |
| 2 | Tools for Clinical Use - Things to Consider in Choosing Tools and Devices | 1,2,3,4,5,6,10,12    | 1,2                  |
| 3 | Four Handed Dentistry - Working Order - Ergonomic Principles              | 1,2,3,4,5,10,11      | 1,2                  |
| 4 | Workplace Assessment, Solution Proposals - Clinical Ergonomic Regulations | 1,2,3,4,5,6,10,11,12 | 1,2                  |

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

## Work Load Details

| #  | Type of Work  | Quantity | Time (Hour) | Work Load |
|----|---|----------|-------------|-----------|
| 1  | Course Duration   | 14       | 2           | 28        |
| 2  | Course Duration Except Class (Preliminary Study, Enhancement) | 14       | 3           | 42        |
| 3  | Presentation and Seminar Preparation                          | 0        | 0           | 0         |
| 4  | Web Research, Library and Archival Work                       | 0        | 0           | 0         |
| 5  | Document/Information Listing                                  | 0        | 0           | 0         |
| 6  | Workshop  | 0        | 0           | 0         |
| 7  | Preparation for Midterm Exam                                  | 1        | 8           | 8         |
| 8  | Midterm Exam  | 1        | 1           | 1         |
| 9  | Quiz  | 0        | 0           | 0         |
| 10 | Homework  | 0        | 0           | 0         |
| 11 | Midterm Project   | 0        | 0           | 0         |
| 12 | Midterm Exercise  | 0        | 0           | 0         |
| 13 | Final Project   | 0        | 0           | 0         |
| 14 | Final Exercise  | 0        | 0           | 0         |
| 15 | Preparation for Final Exam                                    | 1        | 10          | 10        |
| 16 | Final Exam  | 1        | 1           | 1         |
|    |   |          |             | <b>90</b> |

