

**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

# Courses– AKTS Credits

|  |
| --- |
|  |
| Code | Course Name | AKTS | D+U+L | C/E | Language |
| Autumn Semester |
| 523105301 | [EMBRYOLOGY OF PRİMARY AND PERMANENT TEETH, TOOTH ERUPTİON, ROOT RESORPTİON](#DERS523103301) | 5,0 | 2+0+0 | Compulsory | Türkçe |
| 523105302 | [MORPHOLOGİC AND HİSTOLOGİC PROPERTİES OF PRİMARY AND PERMANENT TEETH ENAMEL, DENTİNE, CEMENTUM AND PULP](#DERS523103302) | 5,0 | 2+0+0 | Compulsory | Türkçe |
| 523103303 | [PSYCHOLOGİCAL DEVELOPMENT AND BEHAVİOUR MANAGEMENT İN CHİLDREN](#DERS523103303) | 7,5 | 2+6+0 | Elective | Türkçe |
| 523103304 | [DEVELOPMENTAL DISTURBANCES OF THE TEETH](#DERS523103304) | 7,5 | 2+4+0 | Elective | Türkçe |
| 523103305 | [FLUORİDE/FİSSURE SEALANTS İN CARİES PROPHYLAXİS](#DERS523103305) | 7,5 | 3+2+0 | Elective | Türkçe |
| 523105306 | [ORAL PATHOLOGY İN CHİLDREN](#DERS523103306) | 5,0 | 2+0+0 | Elective | Türkçe |
| 523101700 | SPECIALIZATION COURSE \* | 5 | 3+0+0 | Compulsory | Türkçe |
|  |  |  |  |  |
| Spring Semester |
| 523104301 | [ANAMNESİS, CLİNİCAL AND RADİOGRAPHİC EXAMİNATİON İN CHİLD PATİENT](#DERS523104301) | 7,5 | 1+6+0 | Compulsory | Türkçe |
| 523104302 | [RESTORATIVE MATERIALS USED IN PEDIATRIC DENTISTRY](#DERS523104302) | 7,5 | 2+6+0 | Elective | Türkçe |
| 523104303 | [SEDATİON AND GENERAL ANESTHESİA İN PEDİATRİC DENTİSTRY](#DERS523104303) | 7,5 | 2+2+0 | Elective | Türkçe |
| 523104304 | [TRAUMATİC DENTAL INJURİES AND TREATMENT OF PRİMARY AND PERMANENT TEETH](#DERS523104304) | 7,5 | 2+4+0 | Elective | Türkçe |
| 523104305 | [SPACE MAİNTAİNER AND CHİLD PROSTHESİS APPLİCATİONS](#DERS523104305) | 7,5 | 1+6+0 | Elective | Türkçe |
| 523106306 | [TOOTH DİSCOLORATİON AND TREATMENTS](#DERS523104306) | 5,0 | 2+1+0 | Elective | Türkçe |
| 523104307 | [DRUG THERAPY İN CHİLDREN](#DERS523104307) | 7,5 |  2+2+0 | Elective | Türkçe |
| 523101700 | SPECIALIZATION COURSE \* | 5 | 3+0+0 | Compulsory | Türkçe |
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**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

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| --- | --- | --- | --- |
| **COURSE CODE** | **523105301** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Embryology of Primary and Permanent Teeth, Tooth Eruption, Root Resorption |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

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| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Fall | 2 | 0 | 0 | 2 | 5,0 | Compulsory |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Embryological development of teeth and jaws, enamel, dentine and cementum formation, function of ameloblasts, dentinogenesis and dentine mineralization, pulp and development of periodontal ligament, theories of tooth eruption, primary and permanent teeth eruption, anomalies of tooth eruption, eruption times, early and late eruption causes, root resorption mechanisms, resorption anomalies  |
| **COURSE AIMS** | The purpose of this course is giving information about cells, mechanisms and anomalies related to embryological development of teeth and jaws, tooth eruption and root resorption.  |
| **COURSE OBJECTIVES** | Comprehension and explaining of embryological development of teeth and jaws, the functions of embryological tooth tissues, tooth eruption and root resorption mechanisms |
| **TEXTBOOK(S)** | Avery JK, Steele PF. Oral Development and Histology. Thieme Medical Publisher, New York; 2002.Chiego, DJ. Essentials of Oral Histology and Embryology: A Clinical Approach. Elsevier; 2013. |
| **REFERENCES** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Tortop T, Tulunoğlu Ö. Çocuk Diş Hekimliği Bebeklikten Ergenliğe. Atlas Kitapçılık; 2009.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's dentistry for the child and adolescent. Mosby/Elsevier; 2011.Millett D. Clinical problem solving in orthodontics and paediatric dentistry. Elsevier Health Sciences; 2017. |

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| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Embryological development of teeth and jaws |
| **2** |  | Embryological development of teeth and jaws  |
| **3** |  | Mechanisms of tooth eruption |
| **4** |  | Eruption theories of primary and permanent teeth |
| **5** |  | Time and order of eruption of primary and permanent teeth |
| **6** |  | Anomalies of eruption of primary and permanent teeth |
| **7** |  | Causes of early and late tooth eruption |
| **8** |  | MID-TERM EXAM |
| **9** |  | Mechanism root resorption of primary teeth |
| **10** |  | Root resorption anomalies of primary teeth |
| **11** |  | Evaluating literatures and researches on this subject |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  | **X** |  |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  |  | **X** |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| **INSTRUCTOR NAME** | **DATE** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

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| --- | --- | --- | --- |
| **COURSE CODE** | **523105302** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Morphologic and Histologic Properties of Primary and Permanent Teeth Enamel, Dentine, Cementum and Pulp |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Prof. Dr. Batu Can YAMAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

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| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Fall | 2 | 0 | 0 | 2 | 5,0 | Compulsory |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Normal morphologic and histologic structure of hard and soft tissue forming primary and permanent teeth, the differences between primary and permanent teeth  |
| **COURSE AIMS** | The purpose of this course is giving information about the morphologic and histological properties of hard and soft tissues forming primary and permanent teeth, the differences between primary and permanent teeth acording to these properties |
| **COURSE OBJECTIVES** | Comprehension and explaining of morphologic and histological properties of hard and soft tissues forming primary and permanent teeth, the differences between primary and permanent teeth |
| **TEXTBOOK(S)** | Avery JK, Steele PF. Oral Development and Histology. Thieme Medical Publisher, New York; 2002.Tortop T, Tulunoğlu Ö. Çocuk Diş Hekimliği Bebeklikten Ergenliğe. Atlas Kitapçılık; 2009.Chiego, DJ. Essentials of Oral Histology and Embryology: A Clinical Approach. Elsevier; 2013. |
| **REFERENCES** | Roberson TM, Heymann H, Swift EJ, Sturdevant CM. Art and Science of Operative Dentistry. Edinburgh : Elsevier Mosby; 2006.Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's Dentistry for the Child and Adolescent. Mosby/Elsevier; 2011. Ritter AV, Boushell LW, Walter R. Sturdevant's Art and Science of Operative Dentistry. Mosby, 2019. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Morphologic and histologic properties of enamel, dentine, cementum and pulp of primary teeth |
| **2** |  | Morphologic and histologic properties of enamel, dentine, cementum and pulp of primary teeth |
| **3** |  | Morphologic and histologic properties of enamel, dentine, cementum and pulp of primary teeth |
| **4** |  | Morphologic and histologic properties of enamel, dentine, cementum and pulp of permanent teeth |
| **5** |  | Morphologic and histologic properties of enamel, dentine, cementum and pulp of permanent teeth |
| **6** |  | Morphologic and histologic properties of enamel, dentine, cementum and pulp of permanent teeth |
| **7** |  | Differences between primary and permanent teeth |
| **8** |  | MID-TERM EXAM |
| **9** |  | Differences between primary and permanent teeth |
| **10** |  | Evaluating literatures and researches on this subject |
| **11** |  | Evaluating literatures and researches on this subject |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  | **X** |  |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  |  | **X** |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| **INSTRUCTOR NAME** | **DATE** |
| Prof. Dr. Batu Can YAMAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523103303** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Psychological Development and Behaviour Management in Children |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Fall | 2 | 6 | 0 | 5 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Psychological development and behaviour management techniques in children |
| **COURSE AIMS** | The purpose of this course is giving information about hhe psychological development of children along with age and behaviour management techniques to be applied in unkoopere children. |
| **COURSE OBJECTIVES** | Comprehending, explaining and skill-gaining all information about the factors affecting child behaviour, communication with children and parents, and behaviour management techniques. |
| **TEXTBOOK(S)** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's Dentistry for the Child and Adolescent. Mosby/Elsevier; 2011. |
| **REFERENCES** | Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik yaklaşım. 2.baskı. Medya yayın grubu; 2009.Moursi AM. Clinical Cases in Pediatric Dentistry. John Wiley & Sons; 2012.Cameron AC, Widmer RP. Handbook of Pediatric of Dentistry. Elsevier Health Sciences; 2014.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014. Soxman JA. Handbook of Clinical Techniques in Pediatric Dentistry. John Wiley & Sons; 2016. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Psychological development in children |
| **2** |  | Children's behaviour patterns |
| **3** |  | Factors affecting children's behaviour |
| **4** |  | Factors affecting children's behaviour |
| **5** |  | Behaviour management techniques |
| **6** |  | Behaviour management techniques |
| **7** |  | Behaviour management techniques |
| **8** |  | MID-TERM EXAM |
| **9** |  | Behaviour management techniques |
| **10** |  | Behaviour management techniques |
| **11** |  | Evaluating literatures and researches on this subject |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  |  | **X** |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  | **X** |  |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| --- | --- |
| **INSTRUCTOR NAME** | **DATE** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523103304** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Developmental Disturbances of the Teeth |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Prof. Dr. Batu Can YAMAN  | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Fall | 2 | 4 | 0 | 4 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** |  |
| **COURSE CONTENT** | The factors causing structural damage in primary and permanent teeth, diagnosis and treatment of dental development disturbances |
| **COURSE AIMS** | The purpose of this course is giving information about the factors that cause dental development disturbances, diagnosis and treatment in children. |
| **COURSE OBJECTIVES** | Comprehending, explaining and skill-gaining the correct diagnosis and treatment by taking into consideration factors causing structural disorders of teeth in children.  |
| **TEXTBOOK(S)** | Dean JA, Avery DR, McDonald RE. McDonald's and Avery's dentistry for the child and adolescent. Mosby/Elsevier; 2011.Cameron AC, Widmer RP. Handbook of Pediatric of Dentistry. Elsevier Health Sciences; 2014. |
| **REFERENCES** | van Amerongen E. Case Reports in Pediatric Dentistry. Quintessences Publishing; 2009.Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik yaklaşım. 2.baskı. Medya yayın grubu; 2009. Millett D. Clinical Problem Solving in Orthodontics and Paediatric Dentistry. Elsevier Health Sciences; 2017. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Factors affecting the dental system |
| **2** |  | Number anomalies |
| **3** |  | Number anomalies |
| **4** |  | Size anomalies |
| **5** |  | Size anomalies |
| **6** |  | Shape anomalies |
| **7** |  | Shape anomalies |
| **8** |  | MID-TERM EXAM |
| **9** |  | Status anomalies |
| **10** |  | Structure anomalies |
| **11** |  | Structure anomalies |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never (1), few (2) or many (3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  | **X** |  |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  |  | **X** |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| --- | --- |
| **INSTRUCTOR NAME** | **DATE** |
| Prof. Dr. Batu Can YAMAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

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**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523103305** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Fluoride/Fissure Sealants in Caries Prophylaxis |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN  | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Fall | 3 | 2 | 0 | 4 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** |  |
| **COURSE CONTENT** | Fluor metabolism, the mechanism of action of fluor in the prevention of caries, application methods and toxicity Indications, contraindications, classification and application methods of fissure sealant and preventive resin restorations  |
| **COURSE AIMS** | The purpose of this course is giving information about the fluor prophylaxis for increasing the resistance of dental tissue for caries prevention, fluor effects on dental tissues, systemic and topical fluoride application methods and effect mechanisms; and fissure sealants and preventive resin restorations’s which is prophylaxis against cutting its relationship with dental plaque and dental tissue indications, contraindications, properties, and application methods.  |
| **COURSE OBJECTIVES** | Comprehending, explaining and skill-gaining flouride effects in the prevention of caries, toxicity and application methods Comprehending, explaining and skill-gaining fissure sealant and preventive resin restorations effects in the prevention of caries, and application methods |
| **TEXTBOOK(S)** | Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik yaklaşım. 2.baskı. Medya yayın grubu; 2009.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's dentistry for the child and adolescent. Mosby/Elsevier; 2011.Soxman JA. Handbook of Clinical Techniques in Pediatric Dentistry. John Wiley & Sons; 2016. |
| **REFERENCES** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Cameron AC, Widmer RP. Handbook of Pediatric of Dentistry. Elsevier Health Sciences; 2014.Wilson HFN. Minimal İnvaziv Diş Hekimliği: Diş Çürüklerinin Tedavisi. Quintessence; 2013.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Fluorine metabolism |
| **2** |  | The mechanism of action of fluor in the prevention of caries |
| **3** |  | The mechanism of action of fluor in the prevention of caries |
| **4** |  | Systemic and topical fluoride application |
| **5** |  | Systemic and topical fluoride application |
| **6** |  | Systemic and topical fluoride application |
| **7** |  | Fluor toxicity |
| **8** |  | MID-TERM EXAM |
| **9** |  | Indications and contraindications of fissure sealant |
| **10** |  | Application methods of fissure sealant |
| **11** |  | Indications and contraindications of preventive resin restorations |
| **12** |  | Application methods of preventive resin restorations |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  | **X** |  |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  |  | **X** |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| --- | --- |
| **INSTRUCTOR NAME** | **DATE** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523103306** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Oral Pathology in Children |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assoc. Prof. Dr. Nesrin SARUHAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Fall | 2 | 0 | 0 | 2 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Babies can be seen in the oral pathology, classification of various oral and maxillofacial pathology that can occur during growth and development and is intended to describe the features of these pathologies. |
| **COURSE AIMS** | The purpose of this course is giving information about the oral pathologies, classification of various oral and maxillofacial pathology that can occur during growth and development and features of these pathologies |
| **COURSE OBJECTIVES** | From birth, babies can be seen in the oral pathology, classification of various oral and maxillofacial pathology that can occur during growth and development and is intended to describe the features of these pathologies.  |
| **TEXTBOOK(S)** | Prof. Dr. Ömer GÜNHAN, Oral ve Maksillofasiyal Patoloji, Quintessence Yayıncılık; 2015. |
| **REFERENCES** | Doç. Dr. Ömür Dereci, Ağız Diş ve Çene Cerrahisinde Kist ve Tümör Benzeri Lezyonlar, Ankara Nobel Tıp Kitabevi, 2020. |

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| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Odontogenic and Non-odontogenic Cysts |
| **2** |  | Cysts and Tumor-Like Lesions |
| **3** |  | Benign Odontogenic Tumours |
| **4** |  | Benign Odontogenic Tumours |
| **5** |  | Benign Maxillofacial Bone and Cartilage Tumours |
| **6** |  | Benign Maxillofacial Bone and Cartilage Tumours |
| **7** |  | Malign Maxillofacial Bone and Cartilage Tumours |
| **8** |  | MID-TERM EXAM |
| **9** |  | Malign Maxillofacial Bone and Cartilage Tumours |
| **10** |  | Odontogenic Carcinomas and Sarcomas |
| **11** |  | Fibro-osseous and Osteochondromatous Lesions |
| **12** |  | Fibro-osseous and Osteochondromatous Lesions |
| **13** |  | Giant Cell Lesions and Simple Bone Cyst |
| **14** |  | Giant Cell Lesions and Simple Bone Cyst |
| **15** |  | Haematolymphoid Tumours |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  | **X** |  |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  |  | **X** |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| --- | --- |
| **INSTRUCTOR NAME** | **DATE** |
| Assoc. Prof. Dr. Nesrin SARUHAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523104301** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Anamnesis, Clinical and Radiographic Examination in Child Patient |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assoc. Prof. İ. Şevki BAYRAKDAR | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  |  |  |

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| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Spring | 1 | 6 | 0 | 4 | 7.5 | Compulsory |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Medical and dental anamnesis, examination methods, extra-oral and intra-oral examination, diagnostic criteria, radiographic examination, treatment planning in pediatric patient |
| **COURSE AIMS** | The purpose of this course is giving information about the medical and dental anamnesis, clinical and radiographic examination, and to gain the ability to diagnose and treatment planning. |
| **COURSE OBJECTIVES** | Comprehension and performing of the medical and dental anamnesis, extra-oral and intra-oral clinical examination, radiographic examination, treatment planning. |
| **TEXTBOOK(S)** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik Yaklaşım. Medya yayın grubu; 2009. |
| **REFERENCES** | Mathewson RJ, Primosch, RE. Fundementals of Pediatric Dentistry, Quintessence Publishing; 1995.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's Dentistry for the Child and Adolescent. Mosby/Elsevier; 2011.MacDonald D. Oral and maxillofacial radiology: a diagnostic approach. John Wiley & Sons; 2011. Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Medical ve dental anamnesis |
| **2** |  | Examination methods  |
| **3** |  | Examination methods |
| **4** |  | Extra-oral examination |
| **5** |  | Extra-oral examination |
| **6** |  | Intra-oral examination |
| **7** |  | Intra-oral examination |
| **8** |  | MID-TERM EXAM |
| **9** |  | Radiographic examination |
| **10** |  | Radiographic examination |
| **11** |  | Radiographic examination |
| **12** |  | Treatment planning in pediatric patient |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  |  | **X** |
| **2** | Ask scientific questions and form hypothesis |  |  | **X** |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  |  | **X** |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  |  | **X** |
| **9** | Understand the impact of experimental solutions on national and international sciences |  | **X** |  |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  | **X** |  |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  | **X** |  |
| **13** | Other (get an understanding of basic concepts of medical education) |  | **X** |  |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| **INSTRUCTOR NAME** | **DATE** |
| Assoc. Prof. İ. Şevki BAYRAKDAR | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523104302** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Restorative Materials Used in Pediatric Dentistry |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Spring | 2 | 6 | 0 | 5 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | Sucsesfully completed Morphologic and Histologic Properties of Primary and Permanent Teeth Enamel, Dentine, Cementum and Pulp course |
| **COURSE CONTENT** | Amalgam, conventional glass ionomer cement, resin modified glass ionomer cement, polyacid modified composite resin, composite resin materials used in the restoration of primary and permanent teeth, and recent developments in the dentin bonding, conservative approach due to the development of restorative materials. |
| **COURSE AIMS** | The purpose of this course is giving information about the properties, uses and indications of restorative materials used in primary and permanent teeth. |
| **COURSE OBJECTIVES** | Comprehending, explaining and skill-gaining the contents, indications, restoration steps, choose the appropriate restorative material after preparation of cavities and application of materials |
| **TEXTBOOK(S)** | Dean JA, Avery DR, McDonald RE. McDonald's and Avery's Dentistry for the Child and Adolescent. Mosby/Elsevier; 2011.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014.Cameron AC, Widmer RP. Handbook of Pediatric of Dentistry. Elsevier Health Sciences; 2014. |
| **REFERENCES** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Moursi AM. Clinical Cases in Pediatric Dentistry. John Wiley & Sons; 2012.Wilson HFN. Minimal İnvaziv Diş Hekimliği: Diş Çürüklerinin Tedavisi. Quintessence; 2013. Soxman JA. Handbook of Clinical Techniques in Pediatric Dentistry. John Wiley & Sons; 2016. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Amalgam  |
| **2** |  | Conventional glass ionomer cement  |
| **3** |  | Conventional glass ionomer cement |
| **4** |  | Resin modified glass ionomer cement |
| **5** |  | Resin modified glass ionomer cement |
| **6** |  | Polyacid modified composite resin |
| **7** |  | Polyacid modified composite resin |
| **8** |  | MID-TERM EXAM |
| **9** |  | Composite resin |
| **10** |  | Composite resin |
| **11** |  | Bonding agents |
| **12** |  | Developments of restorative materials |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  | **X** |  |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  |  | **X** |
| **10** | Use effective written and oral communication/presentation skills |  | **X** |  |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| --- | --- |
| **INSTRUCTOR NAME** | **DATE** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523104303** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Sedation and General Anesthesia in Pediatric Dentistry |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assoc. Prof. Dr. Nesrin SARUHAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Spring | 2 | 2 | 0 | 3 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Indications, contraindications, used agents, application technique and complications of sedation and general anesthesia in Pediatric Dentistry.  |
| **COURSE AIMS** | The purpose of this course is giving information about the application of sedation and general anesthesia in Pediatric Dentistry. |
| **COURSE OBJECTIVES** | Comprehending, explaining and skill-gaining application of sedation and general anesthesia in terms of Pediatric Dentistry |
| **TEXTBOOK(S)** | Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik yaklaşım. 2.baskı. Medya yayın grubu; 2009.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014.  |
| **REFERENCES** | Moursi AM. Clinical Cases in Pediatric Dentistry. John Wiley & Sons; 2012. |

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| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Indications and contraindications of sedation in Pediatric Dentistry |
| **2** |  | Agents used in sedation |
| **3** |  | Sedation methods |
| **4** |  | Possible risks and complications of sedation |
| **5** |  | Indications and contraindications of general anesthesia in Pediatric Dentistry |
| **6** |  | Agents used in general anesthesia |
| **7** |  | Possible risks and complications of general anesthesia |
| **8** |  | MID-TERM EXAM |
| **9** |  | Application procedure of general anesthesia |
| **10** |  | General anesthesia stages |
| **11** |  | Evaluating literatures and researches on this subject |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  |  | **X** |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  | **X** |  |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| --- | --- |
| **INSTRUCTOR NAME** | **DATE** |
| Assoc. Prof. Dr. Nesrin SARUHAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523104304** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Traumatic Dental Injuries and Treatment of Primary and Permanent Teeth |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Spring | 2 | 4 | 0 | 4 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | Sucsesfully completed Pulp Diseases and Treatment for Primary and Young Permanent Teeth course |
| **COURSE CONTENT** | Etiology and epidemiology of traumatic dental injuries, examination in traumatic dental injuries and classification, injuries in primary and permanent teeth, muthguard |
| **COURSE AIMS** | The purpose of this course is giving information about the classification, examination, diagnosis, treatment principles of the tooth and soft tissue injuries resulting from trauma to primary and permanent teeth and treatment prognosis |
| **COURSE OBJECTIVES** | Comprehending, explaining and skill-gaining traumatic dental injures in primary and permanent dentitions and their treatment methods |
| **TEXTBOOK(S)** |  Andreasen JO, Andreasen FM, Andersson L. Textbook and Color Atlas of Traumatic Injuries to the Teeth. Wiley; 2007.  Berman LH, Pieragnoli de Blanco L, Cohen S . A Clinical Guide to Dental Traumatology. Mosby/Elsevier; 2007. |
| **REFERENCES** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik yaklaşım. 2.baskı. Medya yayın grubu; 2009.van Amerongen E. Case Reports in Pediatric Dentistry. Quintessences Publishing; 2009.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's Dentistry for the Child and Adolescent. Mosby/Elsevier; 2011.Moursi AM. Clinical Cases in Pediatric Dentistry. John Wiley & Sons; 2012Cameron AC, Widmer RP. Handbook of Pediatric of Dentistry. Elsevier Health Sciences; 2014.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014.Soxman JA. Handbook of Clinical Techniques in Pediatric Dentistry. John Wiley & Sons; 2016. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Etiology/Epidemiology of traumatic dental injuries |
| **2** |  | Clinic and radiographic examination in traumatic dental injuries |
| **3** |  | Traumatic dental injuries in primary teeth |
| **4** |  | Traumatic dental injuries in primary teeth |
| **5** |  | Traumatic dental injuries in young permanent teeth |
| **6** |  | Traumatic dental injuries in young permanent teeth |
| **7** |  | Alveolus and jaw fractures |
| **8** |  | MID-TERM EXAM |
| **9** |  | Alveolus and jaw fractures |
| **10** |  | Alveolus and jaw fractures |
| **11** |  | Evaluating literatures and researches on this subject |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  |  | **X** |
| **2** | Ask scientific questions and form hypothesis |  | **X** |  |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  | **X** |  |
| **10** | Use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | Get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | Other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| **INSTRUCTOR NAME** | **DATE** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523104305** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Space Maintainer and Child Prosthesis Applications |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assist. Prof. Dr. Seçil ÇALIŞKAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Spring | 1 | 6 | 0 | 4 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Space Maintainer and Child Prosthesis Applications |
| **COURSE AIMS** | The purpose of this course is giving information about The types of space maintainers and child prostheses used for preventing problems resulting from early tooth loss or congenital absence of teeth, indications and application methods  |
| **COURSE OBJECTIVES** | To learn the space maintainer and child prosthesis applications |
| **TEXTBOOK(S)** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik Yaklaşım. Medya yayın grubu; 2009. |
| **REFERENCES** | Mathewson RJ, Primosch, RE. Fundementals of Pediatric Dentistry, Quintessence Publishing; 1995.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's Dentistry for the Child and Adolescent. Mosby/Elsevier; 2011.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Considerations Before Making a Space Maintainer |
| **2** |  | Space Maintainer indications |
| **3** |  | Space Maintainer contraindications |
| **4** |  | Features Required in Space Maintainer |
| **5** |  | Fixed Space Maintainers |
| **6** |  | Fixed Space Maintainers |
| **7** |  | Removable Space Maintainers |
| **8** |  | MID-TERM EXAM |
| **9** |  | Removable Space Maintainers |
| **10** |  | Evaluating literatures and researches on this subject |
| **11** |  | Evaluating literatures and researches on this subject |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  |  | **X** |
| **2** | Ask scientific questions and form hypothesis |  |  | **X** |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences | **X** |  |  |
| **10** | Use effective written and oral communication/presentation skills |  | **X** |  |
| **11** | Get an understanding of professional and ethical responsibility |  | **X** |  |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  | **X** |  |
| **13** | Other (get an understanding of basic concepts of medical education) |  | **X** |  |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| **INSTRUCTOR NAME** | **DATE** |
|  Assist. Prof. Dr. Seçil ÇALIŞKAN  | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523106306** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Tooth Discoloration and Treatments |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Prof. Dr. Batu Can YAMAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Spring | 2 | 1 | 0 | 2,5 | 5,0 | Compulsory |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Tooth Discoloration and Treatments |
| **COURSE AIMS** | The purpose of this course is giving information about The causes of internal and external tooth discoloration and their mechanism, affecting systemic factors and treatment approach in different types of discolorations, materials used, techniques applied on vital and nonvital teeth. |
| **COURSE OBJECTIVES** | To learn tooth discoloration and treatments applications |
| **TEXTBOOK(S)** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Koch G, Poulsen S. Çocuk Dişhekimliğine Klinik Yaklaşım. Medya yayın grubu; 2009. |
| **REFERENCES** | Mathewson RJ, Primosch, RE. Fundementals of Pediatric Dentistry, Quintessence Publishing; 1995.Dean JA, Avery DR, McDonald RE. McDonald's and Avery's Dentistry for the Child and Adolescent. Mosby/Elsevier; 2011.Marwah N. Textbook of Pediatric Dentistry. JP Medical Ltd; 2014. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Tooth color and color perception |
| **2** |  | Tooth discoloration reasons and classification |
| **3** |  | Internal discoloration |
| **4** |  | Internal discoloration |
| **5** |  | External discoloration |
| **6** |  | External discoloration |
| **7** |  | Teeth whitening methods |
| **8** |  | MID-TERM EXAM |
| **9** |  | Side effects of the whitening technique |
| **10** |  | Evaluating literatures and researches on this subject |
| **11** |  | Evaluating literatures and researches on this subject |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | Gather as well as apply knowledge of health sciences |  |  | **X** |
| **2** | Ask scientific questions and form hypothesis |  |  | **X** |
| **3** | Search and interpret scientific literature |  |  | **X** |
| **4** | Design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | Learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | Function on multi-disciplinary teams |  | **X** |  |
| **7** | Identify, formulate, and solve medical problems |  |  | **X** |
| **8** | Use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | Understand the impact of experimental solutions on national and international sciences |  | **X** |  |
| **10** | Use effective written and oral communication/presentation skills |  | **X** |  |
| **11** | Get an understanding of professional and ethical responsibility |  | **X** |  |
| **12** | Get a recognition of the need for, and an ability to engage in lifelong learning |  | **X** |  |
| **13** | Other (get an understanding of basic concepts of medical education) |  | **X** |  |
| **14** | Other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

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| **INSTRUCTOR NAME** | **DATE** |
| Prof. Dr. Batu Can YAMAN | **31.08.2021** |



**ESOGU INSTITUTE OF HEALTH SCIENCE**

**DEPARTMENT OF PEDIATRIC DENTISTRY**

**COURSE INFORMATION FORM**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** | **523104307** | **DEPARTMENT** | Pediatric Dentistry |
| **COURSE NAME** | Drug Therapy in Children |
| **INSTRUCTOR NAME** | **COURSE LANGUAGE** | **COURSE CATAGORY** |
| Assoc. Prof. Dr. Nesrin SARUHAN | Turkish | **Technical** | **Medical** | **Other (…)** |
|  | X |  |

**COURSE LEVEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **PROPAEDEUTIC** | **M.SC.** | **Ph.D.** | **COURSE OF PROVINCE** |
|  |  | **X** |  |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **TEORIC** | **PRACTICE** | **LABORATORY** | **CREDIT** | **ECTS** | **TYPE** |
| Spring | 2 | 2 | 0 | 3 | 7.5 | ELECTIVE |
|  |
| **ASSESMENT CRITERIA** |
| **MID-TERM EXAM** | **Activity** | **Quantity** | **Percentage (%)** |
| 1st Mid-Term | 1 | 30 |
| 2nd Mid-Term |  |  |
| Quiz |  |  |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (………) (literature search and presentation) | 1 | 20 |
| **FINAL EXAM** | Quiz | 1 | 50 |
| Homework |  |  |
| Project |  |  |
| Oral Exam |  |  |
| Other (Written Exam) |  |  |
| **MAKE-UP EXAM** | **Oral** | **Written** | **Oral and Written** | **Multiple Choice** |
|  | **X** |  |  |
| **PREREQUISITE(S)** | - |
| **COURSE CONTENT** | Usage areas of of analgesic, anti-inflammatories and antibiotics, antibiotic prophylaxis, prescription writing |
| **COURSE AIMS** | The purpose of this course is giving information about usage areas, doses, side effects, antibiotic prophylaxis, factors affecting drug selection and prescription of analgesics, anti-inflammatories and antibiotics in pediatric patients. |
| **COURSE OBJECTIVES** | Choosing and prescribing the right drug and dosage, taking into account the factors affecting drug selection in the pediatric patient. |
| **TEXTBOOK(S)** | Karaca İ, Çankal DU. Diş Hekimliğinde antibiyotik ve antimikrobiyal kullanımı. Quintessence yayıncılık; 2000. |
| **REFERENCES** | Rao A. Principles and Practice of Pedodontics. Jaypee Brothers Medical Publishers; 2008.Pinkham JR, Casamassimo PS, Fields HW, McTigue DJ, Nowak AJ. Bebeklikten Ergenliğe Çocuk Diş Hekimliği. Atlas Kitabevi; 2009. |
| **COURSE SYLLABUS** |
| **WEEK** | **DATE** | **SUBJECTS/TOPICS** |
| **1** |  | Microorganisms causing odontogenic infection |
| **2** |  | The order of occurrence and spread of odontogenic infections |
| **3** |  | Treatment principles in odontogenic infections |
| **4** |  | Antibiotics |
| **5** |  | Antibiotics |
| **6** |  | Antibiotics |
| **7** |  | Antibiotic prophylaxis |
| **8** |  | MID-TERM EXAM |
| **9** |  | Mechanism of pain |
| **10** |  | Analgesics / Anti-inflammatories |
| **11** |  | Analgesics / Anti-inflammatories |
| **12** |  | Evaluating literatures and researches on this subject |
| **13** |  | Evaluating literatures and researches on this subject |
| **14** |  | Evaluating literatures and researches on this subject |
| **15** |  | Evaluating literatures and researches on this subject |
| **16** |  | FINAL EXAM |

**PROGRAM QUTCOMES**

Place choose never(1), few(2) or many(3) regarding your course

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1** | **2** | **3** |
| **1** | gather as well as apply knowledge of health sciences |  | **X** |  |
| **2** | ask scientific questions and form hypothesis |  | **X** |  |
| **3** | search and interpret scientific literature |  |  | **X** |
| **4** | design and conduct experiments as well as analyze and interpret the data |  | **X** |  |
| **5** | learn how to use the experimental equipment effectively |  | **X** |  |
| **6** | function on multi-disciplinary teams |  | **X** |  |
| **7** | identify, formulate, and solve medical problems |  |  | **X** |
| **8** | use computer effectively both in conducting the experiments and analyzing the data |  | **X** |  |
| **9** | understand the impact of experimental solutions on national and international sciences |  |  | **X** |
| **10** | use effective written and oral communication/presentation skills |  |  | **X** |
| **11** | get an understanding of professional and ethical responsibility |  |  | **X** |
| **12** | get a recognition of the need for, and an ability to engage in lifelong learning |  |  | **X** |
| **13** | other (get an understanding of basic concepts of medical education) |  |  | **X** |
| **14** | other (get an understanding of approaching to ethical problems with taking basic concepts to center) |  | **X** |  |

|  |  |
| --- | --- |
| **INSTRUCTOR NAME** | **DATE** |
| Assoc. Prof. Dr. Nesrin SARUHAN | **31.08.2021** |