

## COURSE CONTENT

**University:** Muğla Sıtkı Koçman University

**Faculty:** Medicine/ **Program:** English Program

**Academic Year:** 2020-2021

**Phase:** 4/ **Course:** Pediatrics

**Course Code:** MED 4016 / **ECTS:** 15 / **Theoric+Practice Lesson+Laboratory Lesson**

**Course Type :** Compulsory/ **Course Length :** 8 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

### Theoretical:

1. Abdominal examination (1 HOURS)
2. Acid- base balance disorders (1 HOURS)
3. Acute and chronic abdominal pain (1 HOURS)
4. Acute kidney injury-HUS (1 HOURS)
5. Acute kidney injury-HUS (1 HOURS)
6. Acute liver failure and hepatic coma (1 HOURS)
7. Acute rheumatic fever (2 HOURS)
8. Adrenocortical insufficiency (1 HOURS)
9. Advanced life support (1 HOURS)
10. Allergic reaction (2 HOURS)
11. Allergic rhinitis (1 HOURS)
12. Anaphylaxis (1 HOURS)
13. Anthropometric measurements (3 HOURS)
14. Aplastic anemias (1 HOURS)
15. Approach to acute weakness (1 HOURS)
16. Approach to cyanotic patient / baby (1 HOURS)
17. Approach to febrile child (1 HOURS)
18. Approach to rash diseases (2 HOURS)
19. Approach to the child with seizures (2 HOURS)
20. Approaching to pediatric patient in the emergency department (1 HOURS)
21. Arthritis (1 HOURS)
22. Asthma (2 HOURS)
23. Avitaminosis (1 HOURS)
24. Birth asphyxia and fetal distress (1 HOURS)
25. Birth trauma (1 HOURS)
26. Bleeding disorders (1 HOURS)
27. Blood gas assessment (1 HOURS)
28. Calcium metabolism, disorder and rickets (1 HOURS)
29. Cardiac rhythm disturbances (2 HOURS)
30. Cardio - pulmonary arrest (1 HOURS)
31. Cardiovascular system physical examination (2 HOURS)
32. Central nervous system infections (2 HOURS)
33. Cerebral palsy (1 HOURS)
34. Chest pain (1 HOURS)
35. Child abuse and neglect (1 HOURS)
36. Childhood leukemias (1 HOURS)
37. Chronic kidney disease (2 HOURS)
38. Chronic liver disease (2 HOURS)
39. Congenital adrenal hyperplasia (1 HOURS)
40. Congenital heart diseases with left-right shunt (2 HOURS)
41. Congenital hypothyroidism (1 HOURS)

42. Congenital metabolic disorders (1 HOURS)
43. Congenital structural anomalies (1 HOURS)
44. Crimean-Congo hemorrhagic fever (1 HOURS)
45. Cystic fibrosis (1 HOURS)
46. Dehydration (1 HOURS)
47. Dermatitis (1 HOURS)
48. Developmental milestones (1 HOURS)
49. Diabetes Insipidus (1 HOURS)
50. Diabetes Mellitus and complications (2 HOURS)
51. Diagnostic approach to headache (1 HOURS)
52. Endocarditis (1 HOURS)
53. Enteric fever (1 HOURS)
54. Examination in Pediatric Neurology (1 HOURS)
55. Familial Mediterranean fever (2 HOURS)
56. Febrile convulsion (1 HOURS)
57. Fluid and electrolyte balance disorders (1 HOURS)
58. Foreign body related problems (1 HOURS)
59. Functional constipation (1 HOURS)
60. Gastroesophageal reflux disease (1 HOURS)
61. General approach to acute gastroenteritis (2 HOURS)
62. Glomerulonephritis (2 HOURS)
63. Growth and development monitoring and parameters used in healthy children (2 HOURS)
64. Heart failure (2 HOURS)
65. Hematuria (2 HOURS)
66. Hemoglobinopathies (1 HOURS)
67. Hemolytic anemias (1 HOURS)
68. Hemorrhagic disease of newborn (1 HOURS)
69. HIV infection (1 HOURS)
70. Hypertension (2 HOURS)
71. Hypoglycemia (1 HOURS)
72. Hypoparathyroidism and Hyperparathyroidism (2 HOURS)
73. Hypothyroidism and Hyperthyroidism (1 HOURS)
74. Hypotonic infant (1 HOURS)
75. Increased intracranial pressure syndrome (2 HOURS)
76. Infants of diabetic mothers (1 HOURS)
77. Intoxications (2 HOURS)
78. Intrauterine infections (1 HOURS)
79. Iron deficiency anemia (1 HOURS)
80. Kawasaki disease (1 HOURS)
81. Lower respiratory tract infections (2 HOURS)
82. Malabsorption and chronic diarrhea in children (2 HOURS)
83. Malnutrition in children (2 HOURS)
84. Meningococemia (1 HOURS)
85. Mental retardation (1 HOURS)
86. Metabolic disorders in newborn (1 HOURS)
87. Myocarditis, cardiomyopathies (2 HOURS)
88. National newborn screening tests (2 HOURS)
89. Neonatal resuscitation (3 HOURS)
90. Neonatal seizures (1 HOURS)
91. Neonatal sepsis and meningitis (1 HOURS)
92. Nephrotic syndrome (2 HOURS)
93. Neurogenic bladder (1 HOURS)
94. Neurogenic bladder (1 HOURS)
95. Newborn examination (2 HOURS)
96. Newborn jaundice (2 HOURS)
97. Nutrition in children (breast milk, formula, supplementary food, weaning) (2 HOURS)

98. Obesity (1 HOURS)
99. Pathophysiology and clinical features of congenital heart diseases (acyanotic) (1 HOURS)
100. Pathophysiology and clinical features of congenital heart diseases (cyanotic) (1 HOURS)
101. Pediatric ECG (2 HOURS)
102. Pericardial diseases (1 HOURS)
103. Physical examination of the head and neck (1 HOURS)
104. Pituitary disorders (2 HOURS)
105. Prematurity + Intrauterine growth retardation (2 HOURS)
106. Primary immune deficiency (2 HOURS)
107. Puberty disorders (early, late) (2 HOURS)
108. Pulmonary hypertension (1 HOURS)
109. Recurrent lung infections (1 HOURS)
110. Respiratory difficulty in newborn (2 HOURS)
111. Respiratory failure (1 HOURS)
112. Respiratory system examination (1 HOURS)
113. Sepsis and septic shock (1 HOURS)
114. Shock (2 HOURS)
115. Syncope (1 HOURS)
116. Systemic lupus erythematosus (1 HOURS)
117. Taking anamnesis in pediatrics (2 HOURS)
118. Taking history in Pediatric Neurology (1 HOURS)
119. Tetanus- mumps- poliomyelitis (2 HOURS)
120. Tuberculosis (Lung and extrapulmonary) (1 HOURS)
121. Tubulointerstitial diseases (1 HOURS)
122. Upper and lower gastrointestinal bleeding in children (1 HOURS)
123. Upper respiratory tract infections (2 HOURS)
124. Urinary stone disease (1 HOURS)
125. Urinary tract infections, VUR (2 HOURS)
126. Urological examination (1 HOURS)
127. Urticaria and angioedema (1 HOURS)
128. Vaccination practices in children (2 HOURS)
129. Valvular heart diseases (1 HOURS)
130. Vasculitis (1 HOURS)
131. Viral hepatitis (1 HOURS)

**Practical:**

1. Approach to rash diseases (Practical activity on bedside) (2 HOURS)
2. Approaching to birth asphyxia and fetal distress on a model (1 HOURS)
3. Approaching to respiratory difficulty in newborn on a model (1 HOURS)
4. Blood type incompatibility Practical activity on bedside (1 HOURS)
5. Care of the baby in the delivery room (Practical activity on bedside) (2 HOURS)
6. Childhood solid tumors (1 HOURS)
7. Dehydration (Practical activity on bedside) (2 HOURS)
8. Febrile convulsion (Practical activity on bedside) (2 HOURS)
9. Free working times (Library) (31h)
10. Functional constipation in children (Practical activity on bedside) (2 HOURS)
11. Gastroenteritis (Practical activity on bedside) (2 HOURS)
12. General assessment and vital signs (Practical activity on bedside) (2 HOURS)
13. Home accidents that childrens may be exposed (1 HOURS)
14. Individual case presentation activity (10h)
15. Neonatal capillary blood sampling (Practical activity on bedside) (1 HOURS)
16. Newborn jaundice (Practical activity on bedside) (1 HOURS)
17. Oral, rectal and topical applications of drugs (Practical activity on bedside) (2 HOURS)
18. Parasitic infections of the gastrointestinal tract (Practical activity on bedside) (2 HOURS)
19. Practical activity on bedside (3 HOURS)
20. Practical activity on bedside (Taking medical history) (114h)
21. Preparing and evaluation of blood smear (Practical activity on bedside) (2 HOURS)

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| <ol style="list-style-type: none"><li>22. Seminar/ Article studies (Library study) (2 HOURS)</li><li>23. Taking a heel prick sample (Practical activity on bedside) (1 HOURS)</li><li>24. The importance of breast milk (1 HOURS)</li><li>25. Upper respiratory tract infections (Practical activity on bedside) (2 HOURS)</li></ol> |
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**Others:**

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| <ol style="list-style-type: none"><li>1. Coordinatorship Meeting (2/1) (1 HOURS)</li><li>2. Interview with the Dean (2/1) (1 HOURS)</li><li>3. Interview with the Mentor (6 HOURS )</li><li>4. Introduction to Pediatrics Clerkship (3 HOURS)</li><li>5. Meeting for evaluation of internship and examination(1 HOURS)</li></ol> |
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