AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Neurological Development						
Course Code	CGB201		Couse Level	First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	78 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	It means to understand neurological development.						
Course Content	Nervous system structure and development, neurological evaluation, Neurometabolic / Norodegenerative Diseases, neuromuscular disease, Developmental evaluation and team work in Neurological Diseases, role of child developer.						
Work Placement	no						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion						
Name of Lecturer(s)	Prof. Gizem DÖNMEZ YALÇIN						

Prerequisites & Co-requisites

Prerequisite	CGB104

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	55
Attending Lectures	1	15

Recommended or Required Reading

1	Anlar B, Serdaroğlu A, Yakut A. Developmental Child Neurology, Hacettepe University Hospitals Press, 2008. Ankara.
2	Yalaz K. Basic Developmental Child Neurology, Extended 2nd edition, 2018, Ankara.
3	Swaiman Textbook of Pediatric Neurology Principles and Practice, 6th edition
4	Nelson Textbook of Pediatrics, 21st edition

Week	Weekly Detailed Course Contents	
1	Theoretical	The development and structure of the nervous system
2	Theoretical	Neurological evaluation: Story anda medical examination
3	Theoretical	Motor and mental development stages, The basic principles of education in infants and children, The concept of at-risk infants
4	Theoretical	Developmental Assesment: Developmental Screening Tests and Pysicometric Evaluation
5	Theoretical	Motor and mental developmental delays: Definition and Approach
6	Theoretical	Cerebral Palsy
7	Intermediate Exam	Midterm
8	Theoretical	Seizures and Epilepsy
9	Theoretical	Approach with examples to the Neurometabolic / Neurodegenerative Disease Groups
10	Theoretical	Neuromuscular Diseases
11	Theoretical	Attention deficit hyperactivity disorder, Autism
12	Theoretical	Child Trauma, Abuse and Neglect, Speech and Language Delays in Children
13	Theoretical	Transdicipliner Approach in Neurological Diseases
14	Theoretical	Preperation for final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Midterm Examination	1	8	1	9

Final Examination	1	12	1	13
		Total Workload (Hours)		78
		[Total Workload (Hours) / 25*] = **ECTS**		3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Explains the structure, function and development of the nervous system.
2	Classify the developmental and neurological disorders and define the algorithm to approach motor and mental retardation,
3	Classify developmental and neurological disorders and describe the algorithm for approaching motor and mental retardation
4	Discusses the characteristics of neurological disorders
5	Explain the treatment approaches of neurological disorders with examples.
6	Defines common mental health problems and neurological comorbidity in childhood.
7	Explain the principles of developmental screening tests and psychometric evaluation, the tests used and their differences, principles and methods.

Programme Outcomes *(Child Development)*

1	Comparatively evaluate and interpret the reliability and validity of the knowledge he / she has by using the basic and updated theoretical and practical educational and training tools and resources in the field of child development.
2	In line with the theoretical and practical knowledge he has acquired in the field of child development, he has the skills to evaluate children who show typical and atypical development with different methods and tools, develop support programs, provide family counseling and inform the society.
3	Uses his/her knowledge about self-care, physical-motor, cognitive-language, social-emotional development of 0-18 year old children for the developmental and educational diagnosis of children, in the units related to his/her profession for the benefit of children, families and society.
4	Analyzes the problems of their children and their families in terms of health, development, education and social service in the country and produces appropriate solutions and original ideas by using evidence-based knowledge on these problems.
5	Using the basic knowledge in the field of child development, he produces individual and group studies
6	He plans and implements research, professional projects and activities for the social environment in which it lives with the awareness of social responsibility, and monitors and evaluates the process.
7	Acts in accordance with the ethics of science, observes the psychological state of the children and their families in experimental researches on children.
8	Behaves in accordance with laws, regulations and legislation and respectful of democracy, human rights, social, scientific and professional ethical values, presenting an example for the society with his/her attitude, behavior and appearance.
9	Has adequate awareness about quality management and processes, individual and environmental protection and occupational safety issues including infants, children and families, participates and behaves accordingly in these processes.
10	He can integrate her professional knowledge with knowledge from different disciplines, he takes responsibility in multidisciplinary, interdisciplinary and transdisciplinary studies by participating in teamwork and fulfills his duties effectively.
11	Developing the habit of keeping research and learning awareness and knowledge up-to-date throughout life, he knows all the concepts related to development and education for children and young people aged 0-18 and follows the studies on this subject with a critical approach.
12	Using information and communication technologies together with the computer software required by the field.
13	To follow the changes and developments in the field using at least one foreign language.

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	5	5	5	5
P3	4	4	4	4	4
P4	3	3	3	3	3
P6	4	4	4	4	4
P7	3	3	3	3	3
P8	3	3	3	3	3
P9	3	3	3	3	3
P10	4	4	4	4	4
P11	4	4	4	4	4