



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Technology and Children							
Course Code		ÇGEL539		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	200 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To improve student's ability about the importance of technology in the child's life, use areas and points of interest, computer programs for children, basic skills for computer use, social media, use of YouTube, and computer use in children with special needs.							
Course Content		The importance of technology in the child's life, use in education, misuse of technology, parental guidance of children's use of technology, and the use of technology in special education.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Final Examination	1	50
Assignment	2	25
Term Assignment	1	25

Recommended or Required Reading

1	Bütün Ayhan, A. ve Aral, N. 2009. Erken Çocukluk Döneminde Bilgisayar. Erken Çocukluk Gelişimi ve Eğitim (Edit.Y.Fazlıoğlu), 419-435. Kriter Yayınları, İstanbul.
2	Arı, M. ve Bayhan, P. 1999. Okulöncesi Dönemde Bilgisayar Destekli Eğitim. Epsilon Yayınevi, İstanbul.
3	Odabaşı, H. F.2002. İnternet ve Çocuk. Kapital Medya Hizmetleri A.Ş., İstanbul.

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and importance of technology
2	Theoretical	Usage areas of technology
3	Theoretical	Usage areas of technology
4	Theoretical	Technological tools used by children
5	Theoretical	Things to consider when using computer, tablet, internet
6	Theoretical	Positive effects of using technology on children
7	Theoretical	Negative effects of using technology on children
8	Theoretical	Examples and features of computer programs prepared for children
9	Theoretical	Examination of computer program examples prepared for children
10	Theoretical	Examination of computer program examples prepared for children
11	Theoretical	Family guidance on children's technology use
12	Theoretical	Use of technology in children with special needs
13	Theoretical	Educational use of technology in children
14	Theoretical	Educational use of technology in children with special needs
15	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	5	3	112
Assignment	2	15	2	34
Term Project	1	25	2	27
Final Examination	1	25	2	27
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Teknolojinin çocuğun yaşamındaki yeri ve önemini açıklar.
2	Discuss the effects of using technology on the child's development areas.
3	Explain in which areas technology is used in child development and education.
4	Guides children on computer use.
5	List the characteristics of the computer programs that support children's development.
6	Selects those that are appropriate and useful among the computer programs for children.
7	Uses the technology in the education of the child and guides the family.
8	Know the technologies used in special education.

Programme Outcomes (Child Development Master)

1	1. Has a deep and systematic level of knowledge about self-care, physical-motor, cognitive-language, social-emotional development areas of 0-18 year old children.
2	Knows all concepts about the development and the education of 0-18 year old children and youth by developing the habit of research and learning, keeping consciousness and knowledge constantly throughout life, and follows the studies on this subject.
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	Identifies the problems in his/her country on health, developmental, educational and social services issues of 0-18 year old children and their families, produces appropriate solutions and original ideas using his/her basic knowledge about these problems.
5	Using his/her basic information on the topics of Child Development and Education, makes suggestions, transfers the learned topics into practice, interprets information and results from practice. Analyzes the scientific research published in the field with a critical point of view.
6	Can use his/her accumulated information on his/her profession in favor of health, educational and social services organizations, particularly for children and their families, takes active roles in developmental and educational programs and related projects; participates in researches.
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	Can integrate his/her accumulated information about his/her profession with information from different disciplines, and can create multidisciplinary workspaces by participating team work.

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

	L1	L2	L3	L4	L5	L6	L7	L8
P1	5	5	5	5	5	5	5	5
P2	5	5	5	5	5	5	5	5
P3	5	5	5	5	5	5	5	5
P4	5	5	5	5	5	5	5	5
P5	5	5	5	5	5	5	5	5
P6	5	5	5	5	5	5	5	5
P7	5	5	5	5	5	5	5	5

