AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Child, Scienceand Technology						
Course Code	ÇGP107		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course is to enable students to comprehend the importance of science and technology in child's education and development, and to enable them to apply science and technology based activities.						
Course Content	Brain Development in Preschool Period, Development of Scientific Thought and Scientific Process Skills in Preschool Period, Technology in Preschool Period, Basic Scientific Processing Fields Used in Preschool Science Education, Science-Technology Based Activities in Preschool Education and Role of Preschool Education, Preschool Education Science Activity Planning-Application and Evaluation in the Semester, Project Approach Based Science Activity Application, Science Center Design, Science Activity Portfolio File Creation						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Project Based Study, Individual Study						
Name of Lecturer(s)							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Computer Assisted Education in Preschool Epsilon Yayınevi, İstanbul. \nAlisinanoğlu F, ÖzbelS,Kahveci G. (2007)
2	Preschool Science Education,, Nobel Yayınları.\nAktasArnas Y.(2007).

Week	Weekly Detailed Course Contents	
1	Theoretical	Brain Development in Preschool
2	Theoretical	Development of Scientific Thought in Preschool Period and Scientific Process Skills
3	Theoretical	Technology in Preschool
4	Theoretical	Science Education in Preschool Period and Basic Scientific Processing Areas Used in Science Education
5	Theoretical	Science-Technology Based Activities in Preschool Education and Role of Educator
6	Theoretical	Science Activity in Preschool Planning-Application and Evaluation
7	Theoretical	Science Center Design
8	Intermediate Exam	exam
9	Practice	Science Center Design
10	Practice	Project Approach Based Science Activity Application
11	Practice	Project Approach Based Science Activity Application
12	Practice	Project Approach Based Science Activity Application
13	Practice	Project Approach Based Science Activity Application
14	Practice	Evaluation of the term
15	Final Exam	exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Individual Work	5	2	1	15
Midterm Examination	1	3	1	4

Final Examination	1	2	1	3
		Total Workload (Hours)		50
		[Total Workload (Hours) / 25*] = **ECTS**		2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Comprehend the importance of computer, technology and internet in the development of the child
2	Will be able to explain the importance of science in preschool period.
3	Will be able to explain scientific thinking and scientific process skills in preschool period.
4	Will be able to plan and implement activities using preschool science and technology.
5	Pre-school science and technology education for the activity needed to prepare and apply materials.

Programme Outcomes *(Child Care and Youth Services)*

1	Special EducationInstitutions of children, pre-schoolinstitutionsforchildrenandchildren s clinicsgameroomslastingtreatmentsforchildren, developmentalareas (physical, mental, social, andemotional) support.
2	Child personalityand her life togaineducationandtrainingmethodstopreparethepatience, compassion, andtakingintoaccountthechild s personalitycharacteristicsandapply
3	Observations on educationandtraining of thechildren s behavior, abilitytoregulatethedeveloperactivities. Knowsthebasicconcepts of development
4	Togivethembybeingwithchildrengoodhabits, badbehaviorwill be eligibletomaketheguidancetotakepreventivemeasuresagainst
5	To give drama, painting, music, computer and gymnastics training to children in special education institutions
6	Caring for the health and safety measures related to the occupation, maintaining coolness in exceptional situations and applying first aid
7	Develops concepts of creativity and creative thinking
8	Knows all the educational institutions related to children, their job definitions and functions
9	Understand the importance and place of the game in pre-school education
10	Gelişimle ilgili temel kavramları bilir ve Fiziksel Zihinsel İşitme, Görme engellilerin Dil gelişimi ve iletişim bozukluğu olan çocukların Hasta çocukların tanımı, çeşitlerini, nedenlerini, gelişim özelliklerini ve eğitim ilkelerini kavrar.
11	To be able to regularly participate in various scientific, cultural, artistic and sportive activities that facilitate students' adaptation to university life by perceiving the concept of university

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	4
P2	4	5	4	5	5
P3	5	5	3	5	5
P4	5	5	5	5	5
P5	5	5	5	5	4
P6	5	5	5	5	4
P7	5	5	5	5	5
P8	4	4	4	5	5
P9	5	5	4	5	4
P10	5	5	5	5	5
P11	5	5	5	5	5