Course Syllabus

Code - Course Title	**EOB505 - Sensory-Motor Issues and Intervention in Autism Spec. Disor.**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. MEHMET YANARDAĞ

Mode of Delivery	Distance education
Prerequisites	There are no prerequisites for the class.
Courses Recomended	Autism Spectrum Disorders: Basic Knowledge
Recommended Resources	Physical Therapy for Children, 2012, 4th Edition, Suzann K. Campbell PT PhD FAPTARobert J. Palisano PT ScD (Author), Margo Orlin PT PhD., Elsevier. Building Blocks for Learning Occupational Therapy Approaches, (2008) Jill Jenkinson, Tessa Hyde, Saffia Ahmad, Wiley-Blackwell.Ecological Task Analysis and Movement, (2007), Walter E. Davis, Geoffrey D. Broadhead, Human Kinetics. Gentile, A. M. (1998). Movement Science: Implicit and Explicit Processing During Acquisition of Functional Skills. Scandinavian Journal of Occupational Therapy, 5(1), 7-16.Mandich, A., Polatajko, H., Missiuna, C., & Miller, L. (2001). Cognitive strategies and motor performance in children with developmental coordination disorder. Physical and Occuptional Therapy in Pediatrics, 20(2/3), 125-143.Polatajko, H. J., mandich, A. D., Missiuna, C., Miller, L. T., Mancnab, J. J., Malloy-Miller, T., & Kinsella, E. A. (2001). Cognitive Orientation to Daily Occupational Performance (COOP): Part III--The Protocol in Brief. Physical & Occupational Therapy in Pediatrics, 20(2/3), 107-123.Rodger, S., & Brandenburg, J. (2008). Cognitive Orientation to (daily) Occupational Performance(CO-OP) with children with Asperger‟s syndrome who have motor-based occupational performance goals. Australian Occupational Therapy Journal, 56(1), 41-50. doi: 10.1111/j.1440-1630.2008.00739.xRodger, S., Pham, C., & Mitchell, S. (2009). Cognitive strategy use by children with Asperger‟s syndrome during intervention for motor-based goals. Australian Occupational Therapy Journal, 56, 103-111. doi: 10.1111/j.1440-1630.2007.00719.xTomchek, S., & Case-Smith, J. (2009). Occupational Therapy practice guidelines for children and adolescent with autism. American Occupational Therapy Association (AOTA), Bethesda (MD).Zwicker, J. G., & Harris, S. R. (2009). A reflection on motor learning theory in pediatric occupational therapy practice. Canadian Journal of Occupational Therapy, 76(1), 29-37.
Work Placement	Even though there is no work placement, there will be applied homework.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Structure of the Nervous System	
Week - 2		Characteristics and Diagnostic Criteria of the Autism Spectrum Disorders (ASD)	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 3		Week 4 Motor Development and Motor Learning	
Week - 4		Sensory-Motor Assessment	
Week - 5		Dyspraxia & Developmental Coordination Disorders (DCD)	
Week - 6		Gross Motor Skills	
Week - 7		Fine Motor Skills	
Week - 8		Implicit and Explicit Motor Learning	
Week - 9		Cognitive Orientation to Daily Occupational Performance (CO-OP)	
Week - 10		Cognitive Strategies and Motor Performance (Domain Specific Strategies)	
Week - 11		Sensory integration in autism	
Week - 12		Ecological Modification Approach in Adapted Physical Activity	
Week - 13		Preparing a Prescription for Motor Program in ASD	
Week - 14		Implementing a Motor Intervention Program for ASD	

Learning Outcomes

#	Learning Outcome
1	Define and discuss sensory-motor features of individuals with autism spectrum disorder.
2	Explain the stages of motor development.
3	Explain the importance of the sensory-perceptual-motor integration
4	Explain the processes affecting motor performance
5	Prescription a motor program for children with autism spectrum disorder.
6	Implementing a motor intervention program for children with autism spectrum disorder.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.