

**Jordan University of Science and Technology**  
**Faculty of Applied Medical Science**  
**Department of Allied Medical Sciences**  
**Semester two 2007**  
**Course Syllabus**

<b>Course Information</b>	
<b>Course Title</b>	Cerebral palsy
<b>Course Number</b>	AS 362
<b>Prerequisites</b>	AS 300 or co- 348
<b>Course Website</b>	Non
<b>Instructor</b>	Zaidan Alkhamyseh
<b>Office Location</b>	M5 Level -4 Office 5
<b>Office Phone</b>	02-7201000/23821
<b>Office Hours</b>	Sunday 10:30-11:30
<b>E-mail</b>	<a href="mailto:ams@just.edu.jo">ams@just.edu.jo</a>
<b>Teaching Assistant</b>	
<b>Course Description</b>	
<p>This course includes basic information of cerebral palsy definitions, causes, types, classification, speech problems and treatment .Also current directions, assessment, clinical teaching, educational services, theoretical perspectives and expanding directions( medical, psychological, educational), teaching strategies (oral language, reading, writing, mathematics ), &amp; social and emotional behavior.</p>	

<b>Text Book</b>	
<b>Title</b>	Motor Speech Disorders , <i>Diagnosis and Treatment</i>
<b>Author(s)</b>	Donald B. Freed
<b>Publisher</b>	NEER NELSON
<b>Year</b>	1999
<b>Edition</b>	1 <sup>st</sup>
<b>Book Website</b>	NA
<b>References</b>	

<b>Assessment Policy</b>		
<b>Assessment Type</b>	<b>Expected Due Date</b>	<b>Weight</b>
<b>First Exam</b>	First exam period	20%
<b>Second Exam</b>	Second exam period	20%
<b>Final Exam</b>	Final exam period	40%
<b>Assignments</b>	Scholarly Paper and Short Presentation	20%

<b>Course Objectives</b>		<b>Weights</b>
1. Understand the concepts of cerebral palsy		30%
2. Analyze the diagnostic process using a disablement model of impairment\ disabilities including evaluation, diagnosis ,teaching ,intervention ,and documentation.		30%

3. Analyze speech disorders for each cerebral palsy type and methods of evaluation and treatment.	30%
4. Identify the dysphagia and disorder and its diagnosis.	10%

<b>Teaching &amp; Learning Methods</b>
Written and practical evaluations.

<b>Learning Outcomes:</b> Upon successful completion of this course, students will be able to		
1	Understand the concepts of cerebral palsy	
2	Analyze the diagnostic process using a disablement model of impairment\ disabilities including evaluation, diagnosis, teaching, intervention ,and documentation.	
3	Analyze speech disorders for each cerebral palsy type and methods of evaluation and treatment.	
4	Identify the dysphagia and disorder and its diagnosis.	

<b>Useful Resources</b>

<b>Course Content</b>		
Week	Topics	
1	Introduction to cerebral palsy	
2	Motor speech Disorder	
3	The motor system	
4	Flaccid Dysarthria	
5	Spastic Dysarthria	
6	Unilateral Upper Motor Neuron Dysarthria	
7	First Exam. Ataxic Dysarthria	
8	Hyperkinetic Dysarthria	

9	Hypokinetic Dysarthria	
10	Second Exam, mixed dysarthria	
11	Apraxia of Speech	
12	The normal swallow	
13	Respiration and aspiration	
14	Subjective and objective assessment of feeding and swallowing	
15	Management of Dysphagia	
16	Final exam	