

The Hebrew University of Jerusalem

Syllabus

METACOGNITION: EXECUTIVE FUNCTIONS - 99860

Last update 27-03-2015

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Occupational therapy

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Dr Adina Maeir

Coordinator Email: adina.maeir@mail.huji.ac.il

Coordinator Office Hours: By appointment

Teaching Staff:

Dr. Adina Maeir

Course/Module description:

This course is aimed at providing knowledge regarding executive functions that are defined as high level cognitive processes that are use in daily function in a complex and dynamic manner. The course will present definitions and types of executive functions and we will discuss aspects such as initiative, self checking, control, emotional regulation and delayed response. Emphasis will also be placed on daily executive functions in typical individuals, as well as those with difficulties. Assessment and intervention strategies will also be addressed.

Course/Module aims:

- 1. Provide knowledge of theoretic background of executive functions*
- 2. Introduction to the roll of executive functions in rehabilitation*
- 3. Provide knowledge of assessment and intervention for individuals with executive functioning difficulties*
- 4. Provide methods for in depth reading of scientific literature in the field*

Learning outcomes - On successful completion of this module, students should be able to:

- 1. Describe aspects of executive functions and their relationship to function*
- 2. Identify different types of executive functioning difficulties*
- 3. Discuss the different expressions of executive functioning difficulties on daily function*
- 4. Present accepted methods of assessment and select the appropriate method for the appropriate population using clinical reasoning skills*
- 5. Present intervention methods depended on assessment findings*
- 6. Analyse and critique research available in the field*

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lectures, discussions, report writing, presenting research, case studies

Course/Module Content:

- 1. Definitions, theoretic perspectives, impact on function*
- 2. Developmental aspects of executive functions*
- 3. Health in relation to executive functions (TBI, attention and concentration, schizophrenia)*

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4. Neuropsychological and ecological testing
 5. Intervention approached for executive function difficulties (remedial/ skills training/ task adaptations)
 6. Integrating research and practice

Required Reading:
Given separately

Additional Reading Material:

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Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

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