

**Superior Cognitive Functions: Thought**

Code: 101714  
 ECTS Credits: 6

Degree	Type	Year	Semester
2500893 Speech therapy	OT	4	0

**Contact**

Name: Joaquín Timoteo Limonero García

Email: Joaquin.Limonero@uab.cat

**Use of languages**

Principal working language: catalan (cat)

Some groups entirely in English: No

Some groups entirely in Catalan: Yes

Some groups entirely in Spanish: No

**Teachers**

María José Gómez Romero

**Prerequisites**

There are no prerequisites but good knowledge of English at reading level. Have approved the subject "Introduction to the scientific methodology and psychological processes" of the first Course

**Objectives and Contextualisation**

This subject explores the knowledge of one of the most cognitive functions important as is the human thought and the influence that exerts on Language. This influence occurs both in everyday situations and in special situations (stress, accidents, etc.).

In addition, Cognitive enhancement procedures and their possible effects on the re-education of speech therapy.

At the end of the course the student should be able to:

- Know and describe the main processes involved in thinking.
- Identify and analyze the effects of emotional and cognitive factors on the processes of reasoning and decision making.
- Know the effects that certain diseases or accidents can have on processes of thought and its influence on language.
- Describe and apply different strategies to enhance cognitive functions in general, and language in particular. The role of speech therapy in these aspects is analyzed.
- Critically interpret the results of investigations into the processes involved in thought and its influence on language.

**Content**

The program of the subject **Superior Cognitive Functions: Thinking** is structured in the following subjects that also include Seminars and practical classes

**Theme 1: Conceptual aspects of Thinking**

Types of thinking. How thought works: cognitive strategies.

Acquisition and development of cognitive functions (thought) throughout the life span. Special situations: prematurity, normal and pathological aging.

How thinking works. Knowledge representation: concepts, schemas, scripts and cognitive maps.

Considerations related to the clinical interview.

**Theme 2. Cognitive functions in specific situations**

- Problem solving and decision-making in situations of uncertainty (Motivational conflicts, stressful situations).

- Effect of positive and negative mood states on cognitive functions.

- Effects of prematurity on development in general and on cognitive functions in particular.

- Brain Diseases: Stroke, Alzheimer's, Accidents and Traumatic brain injury.

Considerations related to the clinical interview.

**Theme 3. Cognitive enhancement**

Facilitation of creative thinking (De Bono Method)

Cognitive stimulation and reeducation: general and specific objectives, general considerations. The role of speech therapist. Cognitive rehabilitation and speech therapy.

Considerations related to the clinical interview.