



## Course Syllabus

<b>Course Code</b>	<b>Course Title</b>	<b>ECTS Credits</b>
PSYD-450	Theories of Intelligence and Psychometrics	10
<b>Prerequisites</b>	<b>Department</b>	<b>Semester</b>
PSYD-230	Social Sciences	Spring
<b>Type of Course</b>	<b>Field</b>	<b>Language of Instruction</b>
Compulsory	Psychology	English
<b>Level of Course</b>	<b>Lecturer(s)</b>	<b>Year of Study</b>
1 <sup>st</sup> Cycle	Marios Constantinou	4 <sup>th</sup>
<b>Mode of Delivery</b>	<b>Work Placement</b>	<b>Corequisites</b>
Distance Learning	None	None

### Course Objectives:

The main objectives of this course are to:

- Introduce students to classical and contemporary theories of intelligence.
- Promote understanding of different forms of intelligence, including cognitive and emotional intelligence.
- Introduce students to the main psychometric instruments assessing intellectual aptitude and psychological functioning.
- Familiarize students with the principles of psychometric assessment and the properties of psychometric instruments.
- Explore multicultural perceptions of intelligence and related biases in the use of psychometric instruments.
- Describe the utility and application of intelligence assessment
- Discuss the strengths and weaknesses of psychometric instruments in the assessment of cognitive and emotional intelligence.
- Discuss ethical implications surrounding theories of intelligence and its assessment.

### Learning Outcomes:

After completion of this course students are expected to:

- Identify and critically evaluate the main theories of intelligence.
- Compare and contrast the main premises of different theories of intelligence.

- Identify and critically assess the various instruments of intelligence assessment.
- Explain the main principles of psychometric assessment.
- Evaluate the psychometric properties of assessment instruments.
- Critically assess the clinical application and use of psychometric tests.
- Identify ethical and multicultural issues pertaining to the psychometric. assessment of intelligence.
- Perceive possible biases in the use of psychometric tests in a multicultural context.

**Course Content:**

1. Introduction to the concept of intelligence and the history of studying intelligence
2. Theoretical perspectives on intelligence
3. Genetic and environmental factors intelligence
4. Introduction to psychometric instruments assessing different forms of intelligence
5. Principles of psychometrics reliability
6. Principles of psychometrics Validity
7. The use and clinical application of psychometrics in the assessment of intelligence
8. Ethical and professional issues in the psychometric assessment
9. Multicultural issues in the assessment of intelligence
10. Interviewing Techniques in Psychometric Assessment
11. WAIS for Adults
12. WISC for Children
13. Recap, Case Studies, Future Directions, Exam Preparation

**Learning Activities and Teaching Methods:**

Presentations, video demonstrations, discussion forum

**Assessment Methods:**

Quizzes, Homework assignments, Final examination

**Required Textbooks / Readings:**

Title	Author(s)	Publisher	Year	ISBN
IQ and Human Intelligence	Macintosh, N.J.	Oxford University Press	2011	-

Psychological Testing	Kaplan, R.M., & Saccuzo, D. P.	Wadsworth: New York.	2009	-
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