

General Information	
Academic subject	Theory and Technics of Testing
Degree course	Psychological Science and Techniques
Curriculum	
ECTS credits	
Compulsory attendance	No
Language	Italiano

Subject teacher	Name Surname	Mail address	SSD
	Andrea Bosco	Andrea.bosco@uniba.it	M-PSI/03

ECTS credits details			
Basic teaching activities			

Class schedule	
Period	Semestre I october 2020 / Semestre II march 2021
Year	2020 – 2021
Type of class	Lecture - workshops

Time management	
Hours measured	60 MIN
In-class study hours	60
Out-of-class study hours	

Academic calendar	
Class begins	
Class ends	

Syllabus	
Prerequisite requirements	Elements of descriptive and inferential statistics, elements of research methodology
Expected learning outcomes	<p>The first phase of training in psychology is typically devoted to the orientation of students, including on testing and techniques in psychology. It gives a basic introduction to psychologists' skills, and a grounding for research in psychology.</p> <p><i>Knowledge and understanding</i> The Course is devoted to a primer on testing theory and technics, on Questionnaire and Assessment theory and technics</p> <p><i>Applying knowledge and understanding</i> The Course is devoted to an introductory Test and questionnaire construction training.</p> <p><i>Making informed judgements and choices</i> The Course is devoted to advice students on risks associated with the employment of tests and questionnaires and to develop critical thinking on the use and efficacy of psychological test in practice.</p> <p><i>Communicating knowledge and understanding</i></p>

	<p>The Course is devoted to advice students on the importance to communicate knowledge trough scientific papers, technical reports, slide presentations.</p> <p><i>Capacities to continue learning</i> The Course is devoted to prepare students to apply for a master level of training in psychology.</p>
Contents	
Course program	<p>A) The interview. Anamnestic, Diagnostic, Research, Pre and Post test, in the health sector, debriefing</p> <p>B) Assessment. Observation (overview), interview (overview), questionnaire, test / inventory, checklist</p> <p>C) Assessment. Cognition, Personality, Behavior, psychophysiology (overview), neuropsychology (brain damages, cognitive impairment)</p> <p>D) Test validity. Content, Construct, Criterion, Factorial Validity and Factorial Analysis</p> <p>E) Scoring of the test. Raw score, percentils, standard scores, normalization</p> <p>F) Reliability of test. Internal coherence and diagnostic reliability (overview)</p> <p>G) Standard errors of masurement</p> <p>H) Cognitive and Intelligence tests (examples: Raven Matrices, Verbal intelligence, Fluence), Memory (examples: digit e Corsi Span, 15 words, brief narrative), Theory of Bifactorial Intelligence (examples: Wechsler Scales)</p> <p>I) Personality Tests: Big five, PEN, Cloninger model (overview), MMPI</p>
Bibliography	<p>Reference books</p> <ul style="list-style-type: none"> • Pedrabissi, L., Santinello, M. (2008). I test psicologici: teorie e tecniche. Il mulino. • Areni, A., Scalisi, T.G., Bosco, A., Caffò, A.O. (2020). Esercitazioni di psicometria - Problemi ed esercizi svolti e commentati. Edra – Masson <p>lectures / materials provided by the teaching staff, Other books</p> <ul style="list-style-type: none"> • Cipresso, P. (2014). Elementi di Psicometria Computazionale. ISBN: 978-1-291-72944-3 (to be bought as e-book). Chapters I, IV, V, VI, VII • Barbaranelli, C., Natali, E. (2005). I test psicologici: Teorie e Modelli Psicometrici. Carocci: Roma. • Zammuner, V.L. (1998). Tecniche dell'intervista e del questionario. Il Mulino: Bologna • Bosco, A. (2003). Come si costruisce un questionario. Carocci: Roma. • Erasmus students: • Kline, P. (2000). A psychometrics primer. Free Assn Books.
Notes	
Teaching methods	Flipped, blended, distance and in-presence learning
Assessment methods	Multiple choice questions, open questions, mathematical problems, oral exam if requested by the students or deemed necessary by the teaching staff

Further information	
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