

PSY543 ASSESSMENT AND TESTING

Reformed Theological Seminary

Summer 2018

3 Credit Hours

Instructor

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NOTE: This syllabus is preliminary. Finalized syllabi will be distributed on the first day of class.

Course Description

This course teaches the use and application of tests and measurements in diagnosis and assessment of intrapersonal, interpersonal and familial characteristics and functioning. Test content, validity, reliability, purpose, limitations, ethics, and administration are compared and evaluated. Stress is placed on the interpretation of test results to the client population.

Course Objectives

After successful completion of the course, students will demonstrate comprehension of the following (applicable CACREP standard in parenthesis):

- CO1. **Historical perspectives** – Students will understand historical perspectives concerning the nature and meaning of assessment and testing in counseling. (2.F.7.a)
- CO2. **Initial Assessment** – Students will understand methods for effectively preparing for and conducting initial assessment meetings. (2.F.7.b)
- CO3. **Assessing Risk** – Students will understand procedures for assessing risk of harm to self or others. (2.F.7.c)
- CO4. **Trauma and Abuse** – Students will understand trauma-informed care practices and procedures for identifying and reporting abuse. (2.F.7.d)
- CO5. **Diagnosis** – Students will understand how to use assessments for diagnostic and treatment planning. Students will understand strategies for selecting, administering, interpreting, and using assessment and evaluation instruments and techniques in counseling (2.F.7.e; 2.F.7.l)
- CO6. **Statistical Concepts** – Students will understand statistical concepts and psychometric statistics including standardized and non-standardized testing, normed referenced and criterion-referenced assessments, types of assessment scores, measures of central tendency, indices of variability, standard errors, test norms, types of distributions, and correlations. (2.F.7.f; 2.F.7.g)
- CO7. **Reliability and Validity** – Students will understand concepts of reliability (including methods of establishing stability, internal and equivalence reliability) and validity (including evidence for establishing content, construct, and empirical validity). (2.F.7.h)
- CO8. **Behavioral Assessment** – Students will understand appraisal methods including environmental assessment, performance assessment, individual and group test and inventory methods, and behavioral observations. (2.F.7.j)

- CO9. **Clinical Assessment** – Students will be able to recognize and describe the commonly used ability, intellectual, and personality tests and the appropriate uses of these tests. Students will have the skills necessary to evaluate a clinical test and determine if appropriate procedures were used in development and presentation of the test for use in a particular population. (2.F.7.i; 2.F.7.k)
- C10. **Ethics and Culture** – Students will be familiar with social and cultural factors related to clinical assessment. Students will be able to understand and recognize the ethical issues related to selection, administration, interpretation and reporting of assessment instruments and techniques. (2.F.7.m)

Assignments:

- A1. Class Group Presentation (10%):** In small groups, students will select an assessment tool that is commonly used in the field and present it to the class. The presentation should be approximately 60 minutes in length and should briefly include the following: purpose of the test or how it can be used as a counseling tool; standardization, administration/setting; theoretical background; scales/description; scoring procedures; psychometric properties (reliability & validity); and other relevant additional information (e.g., where the instrument can be obtained, test user qualifications). Please note that a majority of the presentation should demonstrate the application of the assessment. Therefore, students will provide each class member with the assessment and they will take the assessment; students will explain to the class how to score and interpret their results. At the end of the presentation, students should conduct a brief role-play that explains how and why to would use the assessment with a client. Please see the outline for “Evaluating Psychological Tests” (Appendix A) at the end of the syllabus; the presentation and handout should closely follow this outline. All topics/tests must receive prior approval by the instructor. Students will also be expected to provide the entire class with an outline/handout and a reference list in APA format. Grades will be determined by ratings from classmates and the instructor (see “Expectations for Group Presentation” grading sheet; Appendix B). All group members are expected to present equally during the presentation.
- A2. Self-Assessment Report (10%):** Students will administer the NEO Personality Inventory-3 and the Beck Depression Inventory to themselves, interpret it, and write up a professional report. The assessment must be written in APA style and reflect Blooms Revised Taxonomy Level 3-4 (Applying/Analyzing). Grades will be based upon the Assessment Report Rubrics (see Appendix C). Failure to utilize current APA style and/or use Blooms Revised Taxonomy will result in the automatic deduction of points from the assignment. At minimum, students must include the following headings in the report:
- Reason for Referral
 - Background and History (psychosocial history, medical/counseling background, substance use and abuse, educational and vocational history, and other pertinent information)
 - Evaluation Procedures
 - Behavioral Observations (including mental status examination)
 - Assessment Results (NEO-PI-3, BDI-II, and diagnostic impressions)

- Recommendations
- Summary

A3. Clinical Assessment Report (20%). Students will conduct a mental status examination and administer the Brief Symptom Inventory (BSI) and Coping Response Inventory (CRI) to an individual in which there is not a power differential, interpret assessments, and write a professional report. Students must not report the results to the individual in which they are assessing. The volunteer consent form (see Appendix D) must be turned in with the report and all the testing materials. Grades will be based upon the Assessment Report Rubrics (see Appendix C). The assessment must be written in APA style and reflect Bloom's Revised Taxonomy Level 3-4. Failure to utilize current APA style and/or use Bloom's Revised Taxonomy will result in the automatic deduction of points from the assignment. The following sections must be included in the report:

- Reason for referral
- Background and History (psychosocial history, medical/counseling background, substance use and abuse, educational and vocational history, and other pertinent information)
- Evaluation Procedures
- Behavioral Observations (including mental status examination)
- Assessment Results (BSI, CRI, and diagnostic impressions)
- Recommendations
- Summary

Students will practice communicating assessment results during class in a presentation format. The presentation will briefly cover the areas above. Presentations will last approximately 15 minutes with 5 minutes allotted for questions as needed (15-20 minutes total). Students must be present for all Clinical Assessment Presentations – failure to attend will result in a deduction of 5 points from their total score on the assignment

A4. Exam (50%): One exam on lecture content, reading assignments, test content, and test usage will be administered after the last class

A5. Attendance and Active Participation (5%): Attendance and participation related to academic content are expected at all class meetings. One should NOT expect to receive all attendance and participation points for only attending class. **Participation:** Students are expected to participate in a professional manner in which interpersonal interactions are respectful to others. Self-awareness (e.g., self-assessment, self-care, openness to feedback) will also be needed to actively participate in class. Class participation is defined as provoking thought and furthering discussions. Points may be lost for nonparticipation such as seeking attention or diverting discussion onto irrelevant tangents or into one's own agenda. **Attendance:** Attendance is vital and each student is accountable for class participation requirements, lecture, content, and other classroom work. Missing class, being late, or a lack of participation may result in a lower final grade.

A6. Reading (5%): Students are expected to have completed the assigned readings prior to coming to class.

Required Materials:

- M1.** Neukrug, E.S. & Fawcett, R.C. (2015). *Essentials of testing and assessment: A practical guide for counselors, social workers, and psychologists*. (3rd ed.). Thomson: Brooks/Cole. **[Noted as 'NF' on course schedule. ISBN-13: 978-1285454245, ISBN-10: 1285454243]**
- M2.** Zimmerman, M. (2013). *Interview guide for evaluating DSM-5 psychiatric disorders and the mental status examination* (2nd ed). East Greenwich, RI: Psych Products Press. **[Noted as 'Z' on course schedule. ISBN-13: 978-0963382115, ISBN-10: 096338211X]**
- M3.** Substance Abuse and Mental Health Services Administration. (2014). *Trauma-Informed Care in Behavioral Health Services*. Treatment Improvement Protocol (TIP) Series 57. HHS Publication No. (SMA) 13-4801. Rockville, MD: Substance Abuse and Mental Health Services Administration. **[Noted as 'SAMHSA' on course schedule]**
- M4.** Assigned *Manuals* and articles.

Recommended (Optional) Materials:

- M5.** American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC: American Psychological Association.
- M6.** Sommers-Flanagan, J. & Sommers-Flanagan, R. (2016). *Clinical Interviewing* (6th ed.). Hoboken, NJ: John Wiley & Sons. **[ISBN-13: 978-1119215585, ISBN-10: 1119215587]**
- M7.** Jobes, D. A. (2016). *Managing suicidal risk: A collaborative approach* (2nd ed.). New York: NY: Guilford Press. **[ISBN-13: 978-1462526901, ISBN-10: 146252690X]**

Course Process and Schedule

The course will meet on the following dates (and times): 6/29 (8a-12p); 6/30 (8a-4p); 7/6 (8a-12p); 7/7 (8a-4p); 7/14 (8a-4p); 7/27 (8a-12p); and, 8/3 (8a-12p).

†	Date	Topic	Reading Due	Assignments Due	CACREP 2016 Standards
L1	29-Jun	Introductions; Review of Syllabus; Class Overview; Review of Assignments; Introduction of Assessment; History of Testing and Assessment	Syllabus, NF 1		2.F.7.a
L1		Individual Assessment: BDI-2	BDI-2 Manual		

L2	30-Jun	Ethical, Legal, and Professional Issues in Assessment/Issues Related to Assessment with Diverse Populations	NF 2, Appendix B		2.F.7.m
L2		Initial Assessment in Counseling/Selecting, Administering, Scoring, and Communicating Assessment Results	NF 4		2.F.7.b
L2		Diagnosis in the Assessment Process/Trauma Informed Care/Assessing Risk of Harm to Self or Other	NF 3, Z Mental Status Exam, SAMHSA 1, 4		2.F.7.c, d, e, l
L2		Individual Assessment: Personality (NEO-PI-3)	NEO-PI-3 Manual		
L3	6-Jul	Test Worthiness – Validity, Reliability, Practicality, Cross-Cultural Fairness/Statistical Concepts: Making Meaning Out of Raw Scores	NF 5, 6		2.F.7.g, h
L3		Group Presentation Individual Assessment: BSI	BSI Manual		
L4	7-Jul	Statistical Concepts: Creating New Scores to Interpret Test Data	NF 7		2.F.7.f
L4		Group Presentation Individual Assessment: CRI	CRI Manual		
L5	14-Jul	Intelligence and General Ability Testing/Assessing Achievement and Aptitude	NF 8, 9	Self-Assessment Report	2.F.7.i
L5		Assessment in Career Counseling	NF 10		2.F.7.i
L5		Behavioral Assessment	NF 12		2.F.7.j
L5		Group Presentation Individual Assessment: Intelligence (K-BIT) Individual Assessment: Career (WPI, PI)	Manuals		

L6	27-Jul	Appraisal of Personality	NF 11		2.F.7.k
L6		Group Presentation Couple Assessment: PAIR Clinical Assessment Report Presentations	PAIR Manual		
L7	3-Aug	Clinical Assessment Report Presentations			
	11-Aug	Exam		Clinical Assessment Report	

† Lecture Groups: Lectures can be identified individually or in groups of lectures based on content area covered. These lecture group numbers correspond to the lecture group numbers on the Student Learning Outcome Table at the end of the syllabus.

Note: Course syllabi are intended to provide students with basic information concerning the course. The syllabus can be viewed as a 'blueprint' for the course; changes in the syllabus can be made and students will be informed of any substantive changes concerning examinations, assignments, and grading or attendance policies.

Policies and Important Information

As noted, class attendance and participation is required. Please be on time. Absences for illness or personal emergency may be excused.

Knowledge of administration, scoring, interpretation, and psychometric properties of specific tests covered in the class is expected. To accomplish this, you are expected to read the assigned materials.

All RTS test materials and manuals are to be kept within the clinic so they will remain accessible. Materials will be placed on reserve as needed. Do not remove any testing material from the clinic.

All written work must conform to American Psychological Association (APA) style. If a student does not have a copy of the APA manual, one should be purchased, or students may use one of the many APA style websites available online (e.g. <https://owl.english.purdue.edu/owl/resource/560/01/>). Materials should be in 12pt font and double spaced. Assessment will include how well students represent their thoughts on paper, craftsmanship in writing, and organization of all written work.

Submission of work. Written assignments are to be emailed to the instructor for this course by 11:59 PM on the date due. Keep a digital copy of your work. Hard copy assignments must be turned in to the MFT office by 4:00 PM on the date due.

Late work. All assignments are due as scheduled regardless of attendance, unless prior arrangements are made with the instructor. Assignments turned in late will be deducted 1/3 letter grade for each late day.

Anonymity. All written assignments, quizzes and exams should be identified by the last six digits of your Self-Service id number and NOT by your name. Anonymity permits more objectivity in grading.

Return of work. All work returned to students will be available in the MAC Office. Any work not collected by the first full week of the next semester or term will be shredded.

Grading Scale:

A (97-100)	B- (86-87)	D+ (75-77)
A- (94-96)	C+ (83-85)	D (72-74)
B+ (91-93)	C (80-82)	D- (70-71)
B (88-90)	C- (78-79)	F (Below 70)

Attendance Policy:

Regular attendance is expected and required. Excessive absences (more than 2 class meetings) will result in the loss of points equal to one letter grade per absence. If serious illness or an emergency prevents a student from attending any class, please notify the instructor before the class begins. It is the responsibility of the student to obtain any materials handed out or presented during the missed class from a classmate.

Class Participation:

Students are expected to participate in all components of the class and will be evaluated on the quality and quantity of discussion. Each student is expected to read all of the assigned materials in advance for each class and have prepared written comments and questions for class discussion. Contributions should reflect knowledge of the reading assignments or other sources.

Student Learning Outcome Table

The table below shows how the objectives of this course will be met by readings, lectures and assignments used. Details about specific course objectives, assignments, and evaluation methods can be found in previous sections of this syllabus.

Course Objective	Reading(s)*	Lecture(s)	Assignment(s)	CACREP Standard(s)
CO1 Historical Perspectives	M1(1)	L1	A4, A5, A6	2.F.7.a
CO2 Initial Assessment	M1(4)	L2	A2, A3, A4, A5, A6	2.F.7.b
CO3 Assessing Risk	M1(3); M2 (MSE); M3(1,4)	L2	A2, A3, A4, A5, A6	2.F.7.c
CO4 Trauma and Abuse	M3(1,4)	L2	A4, A5, A6	2.F.7.d
CO5 Diagnosis	M1(3); M2 (MSE)	L2	A2, A3, A4, A5, A6	2.F.7.e; 2.F.7.l
CO6 Statistical Concepts	M1(6-7)	L3, L4	A1, A4, A5, A6	2.F.7.f; 2.F.7.g
CO7 Reliability and Validity	M1(5)	L3	A1, A4, A5, A6	2.F.7.h
CO8 Behavioral Assessment	M1(12); M4	L5	A2, A3, A4, A5, A6	2.F.7.j
CO9 Clinical Assessment	M1(8-11), M4	L5	A2, A3, A4, A5, A6	2.F.7.i; 2.F.7.k
C10 Ethics and Culture	M1(2, Appendix B)	L2	A4, A5, A6	2.F.7.m

* Textbook chapters are denoted in parenthesis

APPENDIX A – Evaluating Psychological Tests

****NOTE: This is a sample outline only, more/less information may be needed depending on the test*

Author and Date Published: Publisher:

Length: Qualifications: Level

- I. **Purpose** – What was it designed to measure and how can it be used? Describe the practical application of the instrument.
 - a. Treatment planning–
 - b. Intervention –
 - c. Outcome measure–
- II. **Standardization**
 - a. Norm Group –
 - b. Population/Age – What is the age range?
 - c. Multicultural Norms–
 - d. Additional Norms Established
- III. **Administration/Setting**
 - a. What type of setting is it used in?
 - b. How long does it take to administer?
 - c. Is it a self-administered questionnaire?
 - d. Can it be adapted for use in interview studies?
 - e. Is it administered individually and/or in a group?
 - f. Can it be computer administered?
 - g. Can it be completed on-line via the internet?
 - h. Qualification Level:
- IV. **Theoretical Background** – what are the theoretical constructs being measure?
- V. **Scales/Description** –
 - a. How many items are there?
 - b. How many factors/subscales are there?
 - c. What do the subscales measure?
- VI. **Scoring**
 - a. How is it scored (hand scored or computer scored)?
 - b. Range of Scores - What do the scores mean?
- VII. **Reliability** – list all types of reliability tested (e.g. test-retest, Cronbach’s Alpha...). If applicable, include reliability estimates for each subscale and total scale
- VIII. **Validity** – list types of validity that were tested (e.g. Content, Criterion, Construct...)
- IX. **Strengths**
- X. **Weaknesses**
- XI. **Additional Information**
 - a. **Alternate forms** – Are there other versions or forms available (e.g. short-forms)?
 - b. **Cost** – What is included in the cost (e.g. manual, scoring forms/software)?
 - c. **Publisher** – how to obtain the instrument
 - d. **Journal** – list the reference if published in a journal

APPENDIX B – Expectations for Group Presentation (possible points)

- ___(2) Thorough review of the assessment tool – purpose of the test or how it can be used as a counseling tool; theoretical background if applicable
- ___(3) Standardization, administration/setting, scoring procedures
- ___(2) Scales/description
- ___(3) Psychometric properties (reliability & validity)
- ___(20) Explained and applied assessment tool in an effective manner with the class
- ___(20) Individual Presentation and Group Collaboration (professional presentation)

_____ **(50) TOTAL SCORE FOR GROUP PRESENTATION**

Instrument

Reviewed: _____

Group Member Evaluation Form

Please rate your group member’s participation in your group presentation:

Group Member _____

No Contribution						Appropriate Contribution			
1	2	3	4	5	6	7	8	9	10

Group Member _____

No Contribution						Appropriate Contribution			
1	2	3	4	5	6	7	8	9	10

Group Member _____

No Contribution						Appropriate Contribution			
1	2	3	4	5	6	7	8	9	10

Group Member _____

No Contribution						Appropriate Contribution			
1	2	3	4	5	6	7	8	9	10

Please rate your own level of contribution:

Your Name _____

No Contribution						Appropriate Contribution			
1	2	3	4	5	6	7	8	9	10
