



SYLLABUS

EDUC 6350 COUNSELING AND THE NEUROSCIENCES

SEMESTER: Fall 2019

Tuesdays 6:00 pm

PROFESSOR: Dr. Samuel Garcia, LPC-S

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OFFICE OR ELECTRONIC ADVISING HOURS: In-Person: Friday 1800 hrs. to 2200 hrs. & Saturdays 0600 to 1200 CALL FOR AN APPOINTMENT! **Virtual Collaborate: Sunday to Monday, 0700 hrs. to 2200 hrs.**

Office Location: 205 Wildcat Drive, Rm. 212.

Counseling Program Web Page:

<http://www.sulross.edu/page/2301/master-education-counseling>

Dean for Sul Ross State University Rio Grande College:

<http://www.sulross.edu/news/4031/ver-nica-m-ndez-maqueo-named-dean-sul-ross-rio-grande-college>

Chair for the Education Department/Counseling Program:

<http://www.sulross.edu/faculty-and-staff/2312/professor-education>**Required Texts:**

Required Text:

A Counselor's Introduction to Neuroscience

Angela Sikorski, Ph.D., Bill McHenry, Ph.D., Jim Mc Henry, Ph.D.

ISBN-13: 978-0415662284

Pocket Guide To Interpersonal Neurobiology

Dr. Daniel Siegal

ISBN: 978-0-393-70713-7 (pbk)

Course Prerequisites: Student must have earned a grade of B or higher in EDUC 5314 and have permission of the Instructor.

Course Purpose: Counselors are becoming increasingly aware of the neuroscientific revolution that is unfolding in the field of counseling, often referred to as the *Fifth Force*. The term neurocounseling is used to describe the practice of relating counseling and psychotherapeutic interventions to specific neurological changes. This course will strengthen the knowledge base of counselors in all settings by enhancing their counseling and diagnostic skills through understanding the biological structure/function of the brain and the neurological processes associated with cognitions, emotions and behaviors. Students will be equipped with skills and strategies for recognizing brain regions, identifying neurochemical responses, and understanding neuroimaging in relationship to counseling.

Course Description: This course provides students with an understanding of the direct relationships between neuroscience and counseling processes/outcomes for effectively counseling clients of diverse backgrounds. Current research demonstrates that a multitude of counseling approaches appear to have positive impacts on client brain structures and functions. Course topics include neurological processes associated with cognitions, perceptions, emotions, behaviors, neuroplasticity, neurogenesis, and various psychoactive pharmacological agents commonly used in the treatment of mental disorders.

Skills Competency Component: This course will include a competency assessment process. Vignettes addressing the core areas of neuroscience will be provided to each student one week before the due date. Each vignette is designed to categorize four levels of competency. The competency levels are Excellent, Enhanced, Adequate and Inadequate skills. The four core areas of assessment will include Brain Structure Identification, Neurochemistry Identification, Pharmacology Identification and Counseling Therapy Implementation.

Course Objectives: The learning objectives will cover three major areas: Knowledge, Skills and Awareness in areas of community delivery systems.

Knowledge: Learners will:

1. Distinguish and relate the progressive developments in scientific research and its relativity to the counseling clinical practice.
2. Recognize and state neuroanatomical features and function of the cortical hemispheres, basal ganglia, limbic system and the parietal lobe.
3. Identify and classify neurological parts significant to mental health disorders.

Skills: Learners will be able to:

4. Evaluate, analyze, and synthesize mental health signs and symptoms relative to the cognitive biofeedback process.
5. Appraise therapeutic outcomes by formulating collaborative treatment plans.

6. Assess the neurological interactions of psychotropic medications.

Awareness: Learners will be able to:

7. Analyze, synthesize and distinguish personal emotional attitudes under stressful or difficult circumstances.

8. Appraise verbal and emotional expressions that elicit adverse client emotional capabilities.

Modular Learning Outcome:

Course Objectives	Module Learner Outcome	Frequency	Evaluation Method
1. Distinguish and relate the progressive developments in scientific research and its relativity to the counseling clinical practice.	Module 1 - Learners will distinguish the detailed motivation that supports the fifth force of psychology and its implication on the counseling field.	Week 2	Weekly Quizzes Video Reflections Final Exam Collaborative Classroom Discussion
	Module 2 – Students will distinguish the scientific concepts of Neuroplasticity and Neurogenesis	Week 3 Week 4 Week 5 Week 6	Weekly Quizzes Video Reflections Final Exam Collaborative Classroom Discussion
2. Recognize and state neuroanatomical features and function.	Module 3 – Learners will recognize and state the individual and interrelated workings of the cortical hemispheres, basal ganglia, limbic system and the parietal lobe	Week 2 Week 3 Week 9 Week 10 Week 11	Weekly Quizzes Final Exam Weekly Video Reflections Collaborative Classroom Discussion
3. Identify and classify neurological parts significant to mental health disorders.	Module 4 – The Student learner will understand, appraise technological formal assessment tools related to substance abuse, depression, post-traumatic stress disorder, attention-deficit/hyperactivity disorders.	Week 5 Week 12 Week 13 Week 14	Weekly Quizzes Weekly Video Reflections Reflection Paper Collaborative Classroom Discussions
4. Evaluate, analyze, and synthesize mental health signs and symptoms relative to the cognitive biofeedback process.	Module 5 - The Student learner will distinguish, be able to relate and summarize implicit biases.	Week 6 Week 8	Weekly Quizzes Weekly Video Reflections Reflection Paper Collaborative Classroom Discussions
	Module 6 – The Student learner will understand,	Week 8	Weekly Quizzes Weekly Video Reflections

	appraise technological tools related to mental health anomalies.		Reflection Paper Collaborative Classroom Discussions
	Model 6 – The Student learner will be able to assess, understand and illustrate strategies to advocate for mental health services among state and federal legislators.	Week 10	Weekly Quizzes Weekly Video Reflections Reflection Paper Collaborative Classroom Discussions
5. Appraise therapeutic outcomes by formulating collaborative treatment plans.	Model 7 - The student learner will be able to analyze, propose evidenced-based therapeutic approaches.	Week 5	Weekly Video Reflections Reflection Paper Collaborative Classroom Discussions
6. Assess the neurological interactions of psychotropic medications.	Model 8 - The student will be able to distinguish and summarize neuronal innerworkings elicited by and reciprocated by neurotransmitters and neurohormones.	Week 6 Week 7	Weekly Video Reflections Reflection Paper Collaborative Classroom Discussions
7. Analyze, synthesize and distinguish personal emotional attitudes under stressful or difficult circumstances.	Model 9 - The student learner will be able to synthesize and relate advocacy strategies and serve as a consultant to assist agencies recognize legislative implications on mental healthcare.	Week 5 Week. 6	Weekly Video Reflections Reflection Paper Collaborative Classroom Discussions
8. Appraise verbal and emotional expressions that elicit adverse client emotional capabilities.	Model 10 - The student learner will conclude and illustrate implicit or explicit biases that impact advocacy readiness.	Week 2 Week 5 Week 6 Week 8	Weekly Video Reflections Reflection Paper Collaborative Classroom Discussions

American with Disabilities Act (ADA):

Sul Ross State University is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is the student’s responsibility to initiate a request for accessibility services. Students seeking accessibility services must contact the Student Services Specialist for the specific Campus. PLEASE SEE BELOW FOR TECHNOLOGY ASSISTANCE.

Student Support Services:

Student Support Services provides students with the tools and resources they need to achieve academic success and to remove all obstacles to learning, including advising, tutoring and workshops. Tutors are available at each of the three sites, Uvalde, Del Rio, and Eagle Pass during the fall, spring and summer semesters. These tutors offer assistance in mathematics, English, History and PowerPoint presentations. Tutors schedules are posted on bulletin boards around campus as well as [online](#). Tutors are available by appointment or on a walk-in basis.

Student center computers are equipped with Grammarly (<https://www.grammarly.com/>), a software program that helps students achieve academic goals and improve their writing

in essays, reports, theses, dissertations, and college entrance application. Grammarly automatically detects grammar, spelling, punctuation, word choice, and style mistakes in your writing.

Please go to: <http://www.sulross.edu/page/1568/student-services> to speak to a support service representative or visit the Student center.

Student Services Specialist are:

- Del Rio – Julie Alderete (830) 703-4816
- Eagle Pass – Juan Tamez (830) 758-5037
- Uvalde- Celso Garza (830) 279-3027

Technology Requirements:

Hardware Requirements: The following minimum hardware and software requirements are necessary in order to access an online class through SRSU-RGC’s current version of Blackboard. Be sure to check your course syllabus and discuss technology needs with your professor as early in the class as possible.

System Requirements: The following minimum hardware and software requirements are necessary in order to access an online class through SRSG-RGC’s current version of Blackboard. Individual instructors may have additional requirements for specific classes. Be sure to check your course syllabus and discuss technology needs with your instructor as early in the class as possible.

	Minimum	Recommend
Operating System	Windows 7 or higher Mac OSX 10.8 or higher	Windows 10 Mac OS 10.12
Processor	1 GHz processor	2 GHz or faster processor
Memory	512 MB of RAM	2 GB of RAM or higher
Monitor Resolution	1024 x 768	1024 x 768 or higher
Free Hard Disk Space	5 GB of free disk space	20 GB or higher of free space
Internet Connection	Broadband (high-speed) Internet connection with a consistent minimum speed of 1.5 Mbps	Broadband (high-speed) Internet connection with a speed of 4 Mbps or higher
Internet Browser	FireFox	FireFox
Java	Java is required to use Blackboard. Visit our Java support page for information about troubleshooting Java.	
Macromedia Flash Player	Flash may be required to play videos within the Blackboard system. You can download Flash from the Adobe website.	

Students are required to have regular, reliable access to a computer with a stable broadband Internet connection. Any system older than 4 years may not have the processing power to work with our current version of Blackboard and its components.

All SRSU-RGC networked computers are configured to use Blackboard and will have software needed to complete online coursework. If additional software is needed on a SRSU-RGC lab computer, please contact the administrator of the lab for assistance.

If your computer is publicly accessed off campus or is loaned to you, you may be prohibited from downloading files or software.

The first step to see if your computer is set up for Blackboard is to check your browser compatibility. We strongly recommend Blackboard students use the latest version of [Mozilla Firefox](#) for Windows or Mac because it is the most compatible with our current Blackboard system.

Browser Downloads	PC	Mac
Mozilla Firefox	Download	Download
Safari	Download	Download
Google Chrome	Download	Download

Generally, it is a good idea to have multiple browsers installed on your system for a couple of reasons. First, you always want a plan B. If you are trying to perform time sensitive tasks in Blackboard, you don't want to waste time troubleshooting your browser or downloading a new browser. Having multiple browsers already installed allows you to quickly switch to a different browser when you have a browser related issue.

Second, it helps to rule out browser related issues. If you are having problems in one browser and not another, then you know there is something going on with your browser or its settings. If you are having the same problem in multiple browsers, then you'll know that it is either a system issue or something related to Blackboard.

Additional Software and Plug-ins: Most of the materials you will be accessing in Blackboard will consist of web pages, Microsoft documents or Adobe Acrobat files. However, instructors may choose to upload content in a variety of formats. Below you will find a list of common file types that may be used in Blackboard. The software required to view these files is given and links to downloadable versions of the software have been provided if available.

Application Downloads	File Extension	PC	Mac
Adobe Acrobat Reader	.pdf	Download	Download
Microsoft Office	.doc • .docx .ppt • .pptx .xls • .xlsx .rtf • .txt	Download	Download

Microsoft Office Viewer			
Word Viewer	.doc • .docx	Download	n/a

PowerPoint Viewer	.ppt • .pptx	Download	n/a
Excel Viewer	.xls • .xlsx	Download	n/a

Video Players	Common File Extensions	PC	Mac
Macromedia Shockwave Player	.fla • .swa • .swf	Download	Download
QuickTime	.mov • .qt	Download	Download
Media Player Classic	.avi • .vlc • .wmv	Download	n/a
VLC Media Player	.avi • .vlc • .wmv	Download	Download

Additional Software	PC	Mac
Microsoft Security Essentials	Download	n/a
Ad-Aware Spyware Removal	Download	n/a
Spybot Search and Destroy	Download	n/a

Technical Skills

Technical Skills Required: Students will be required to interact through a virtual media real-time technological program (Collaborate). Moreover, students will be required to know how to send and receive emails; how to cut and paste information; how to post and download assignments onto and from Blackboard; how to access videos and post comments on discussion boards; how to take exams through Blackboard and how to access Collaborate Ultra Real-time feature. Students will also be required to access their generated grade points to measure their progress in the course. **PLEASE REVIEW Introductory Videos** to refresh your understanding of how to access and navigate through these blackboard features.

Other Technological devices/Equipment: Student computer **MUST** be equipped with fully functional speakers, microphone and video camera. Since this course is instructed through an enhanced video feature like Collaborate Ultra, it is important to keep background noise to a minimum so as not to distort communication; it is preferred that students use ear/headphones with attached microphones to enhance communication clarity. The student microphone icon must remain off unless speaking to help with back-feed sounds. The video camera icon **MUST** remain on at all times, **PLEASE REVIEW introductory Collaborate video.**

Blackboard: I have posted a course orientation video to help each student understand how to navigate through Blackboard. The Blackboard Orientation Video can be accessed by:

Logging into “Blackboard.”

- A. Select course number and name.
- B. Observe the Course men, which is categorized by submenus.
- C. The student will notice the “Menu” categorized by submenus. They are:

1. ORIENTATION

2. COMMUNICATION

3. READING ASSIGNMENT

4. ASSIGNMENTS

5. TOOLS

- D. Select the “Blackboard Orientation” feature under the “Orientation” Submenu.

Students can also access the Blackboard orientation video clips designed to help students navigate and use Blackboard while taking graduate coursework. Students can access the videos by:

- E. Going to the Blackboard main page.
- F. Access the “Student Resources” located at the red top left block of the Blackboard Log-in Page.
- G. Orientation and “How to” videos are available to help the student navigate and through Blackboard.

Blackboard Representatives:

Sandy Bogus (432-837-8523) : sbogus@sulross.edu M-F 9:00 a.m. - 6:00 p.m. or
Rusty Klein (432-837-8595): rklien@sulross.edu Sat. –Sun. 11:00 a.m. - 6:00p.m.

Collaborative Streaming: As your instructor, I place heavy emphasis on Individual class participation. There will be thirteen graded collaborative meetings and they are each worth 100 points. The interactive component to this course is critical. It will enhance your reasoning skills, which is very important to the counseling process. Your participation will facilitate others enhancing his or her reasoning skills from drawing from your rich experience(s). The intercultural experiences of students add tremendously to everyone’s learning in class. Our live online streaming interaction will provide us the opportunity to review the week’s theme of instruction and will also help to alleviate any issues or answer any questions that often arise when taking online coursework. I will ask many open-ended questions to elicit responses. Students will be required to participate in every classroom session.

Collaborate Ultra is a web-based system used for real-time connection. You can access the Collaborate Ultra feature by:

1. Log into Blackboard.

2. Select Course number and name.
3. View you Menu on the Left-hand side of the main course page.
4. Select “Collaborate Ultra” under the “Assignment” Sub Menu.
5. Once in “Collaborate Ultra,” select “Get Launch Link.”
6. Select “Join Course Room.”
7. Turn on the video by depressing the Camera icon and do the same for the microphone when speaking ONLY.

Frequent “Lost connection” is NOT acceptable, and the student will be required to go to the computer lab located at the closest SRSU-RGC university site for the remainder of the semester after two class periods of lost connectivity difficulties. Such disconnection issues interrupt the class dynamics and will not be accepted. Each student is encouraged to take his or her computer hardware to the IT department to assess compatibility before classes begin to ensure standards for connectivity are acceptable. Students are also encouraged to provide the IT representative with the type of home internet service provider and specifications to determine if acceptable for collaborate ultra-connectivity. It is also recommended that your home network usage be limited to your use to prevent slowing the home network connectivity. For example, make sure others including yourself, disconnect wifi from cell phones and other programs that slow home network connection.

IT Technologist for each campus are (**PLEASE CALL BLACKBOARD REPRESENTATIVES ABOVE** for Blackboard issues):

Del Rio - Craten Knope (830)703-4818
Eagle Pass - Juan Garza (830) 758-5010
Uvalde – George Hernandez (830) 279-3045

In consideration of the current advanced mobile technology, it is imperative that students make necessary arrangements to access collaborate at the designated time. Students are not allowed to drive a vehicle or engage in an activity where safety is compromised and exposes the student into a dangerous situation.

Students with Disabilities: It is the policy of the University of Sul Ross State University-Rio Grande College to create inclusive learning environments. If there are aspects of the instruction or design of any course that results in barriers to your inclusion or to accurate assessment of achievement-such as time-limited exams, inaccessible web content, or the use of non-captioned videos, etc. - Please notify the instructor as soon as possible.

For information about SRSU-RGC disability support services, please contact Student Service Specialist:

Mrs. Kathy Biddick
(830) 279-3003
Email: kbiddick@sulross.edu

Diversity:

Discussion and activities will include issues of diversity as they relate to specific learning objectives. All students will be encouraged to introduce topics they deem applicable to the content and process of the course, particularly those that enhance students' awareness of diversity and multicultural understanding.

Scholastic Misconduct:

As with all University courses, instructors expect students to be engaged in learning the course content. Scholastic dishonesty seriously compromises this learning and is not tolerated. The penalty for scholastic dishonesty in this class depends on the circumstances. Penalties could range from consultation with the instructor and receiving a zero (0) on the assignment in question, to failing the course and facing the University charges of scholastic misconduct.

Etiquette Expectations:

Graduate students are expected to take responsibility for his or her own academic work. Each individual will make sure to understand the content and process of all syllabi. The professor may offer assistance and your advisor may offer you direction; however, the student must demonstrate initiative and maturity to pursue understanding actively.

Students are to communicate questions or statements as directed by the professor. Etiquette considerations will include speech tone, language and expression that is respectful and clear so as to minimize ambiguity; moreover, presentation of questions or statements will not consist of any defamatory, sarcastic, degrading or disrespectful tones, whether in person, telephonically, teleconferenced, enhanced video streaming, email or any other modes of communication.

Culture often influences an individual's mode for gaining understanding and disseminating meaning. Therefore, it is imperative that individuals consider primary language, speaking style, inappropriate terms, distance between parties, eye-contact, inappropriate body language (Example: finger pointing, etc.) and disabilities that may hinder effective communication.

Attendance, Introduction and Participation:

Regular class attendance and participation are required aspects of this course.

- A major component of our first virtual class meeting will require that each student introduce himself or herself, regardless of when your first day of class commences. This will be a great time to get to know each other, since we will be spending significant time sharing each other's lens through which course content is viewed. Points of Introduction must include the following and not to exceed five minutes:

- Full name.
 - Place of Birth.
 - Place raised
 - Describe family or culture that best describes you.
 - Your interest in your undergraduate degree.
 - Rationale for entering into the counseling program.
 - What you hope to accomplish with a Counseling training.
 - How you conclude this to be important.
- Each attendance is valued at 100 points.
 - Each student is required to interact verbally by responding to questions I pose regarding points of discussion or material content, other student's perspectives and statements. Please do not type your responses, this feature in Collaborate is intended to be used for emergency or extraordinary technical circumstances and NOT a consistent form of in-class communication.
 - Video reflections and are intended to evoke logical reasoning skills and these cognitive skills often advance at different stages; therefore, peer learning is encouraged by observing other students reflective writing entries.
 - If you must be absent, please notify the instructor in advance. This does not excuse your absence, but flexibility may be offered for extenuating circumstances.
 - Please read the assigned material before class and be prepared to discuss it. You are expected to actively and verbally participate in classroom discussions and activities.
 - Also, **please consider this a friendly reminder to turn off all cell phones, noisemaking devices and back-ground noise during class.**

Late Work:

Assignments must be turned in before the beginning of next scheduled class to receive credit. If you will not be in class to turn in an assignment, it is still your responsibility to see that work is turned in on time. Late work = 0 points.

Grading/Feedback:

Most grading is technologically driven, and grades are posted immediately. However, some quizzes require professor review and grading. In cases where grading is not instantaneously, I will complete all grading two days before the next class meeting time. This will provide ample time for students to review their outcomes and prepare any questions before or during class. Asking questions in class often evokes great discussion points. Feedback of any assignment will be provided no later than two days before the next class meeting. **Students are welcome to contact me to schedule a time to meet**

virtually to address any questions. In the event I do not answer the phone, please leave a message, so that I may return your call; I respond to all my calls within 24-hours.

	Qty.	Possible points	Range	
Enhanced Collaborative Streaming	13	1300 (13 x 100 pts. ea.)	A - 1300 B - 1200 C - 1100 D - 1000	A= 3670 - 4180
Video/Article Reflection (1 hour – Due after collaborate class)	13	1560 (13 x 120 pts. ea.) Each reflection has the potential for 120 points.	A = 1440 - 1560 B = 1320 - 1439 C = 1200– 1319 D = < 1200	B= 3290 - 3535 C= 2790 - 3138
Quizzes (1 hour – Due after Video Reflection)	13	1300 (100 pts. ea.)	A = 1200 - 1300 B = 1100 - 1190 C = 1000 - 1090 D = <1000	D= 2290- 2538
Movie Reflection Paper	1	220 pts.	A = 210 - 220 pts. B = 180 - 200 pts. C = 160 - 170pts. D = 140 - 150 pts	F= < 2290
Final Exam	1	100 pts.	A = 90-100 B = 80 - 89 C = 70 –79 D = 60 - 69	

Enhanced Collaborate Streaming and Participation:

As your instructor, I place heavy emphasis on Individual class participation. The interactive component to this course is critical. It will enhance your reasoning skills, which is very important to the counseling process. Your participation will facilitate others enhancing his or her reasoning skills from drawing from your rich experience(s). The intercultural experiences of students add tremendously to everyone’s learning in class. Our live online streaming interaction will provide us the opportunity to review the week’s theme of instruction and will also help to alleviate any issues or answer any questions that often arise when taking online coursework. You will need to have high-speed Internet service, and the *Adobe Flash Player* loaded into your personal computer. **The IT department has suggested that you use Google Chrome or FireFox as your web browser to alleviate technical difficulties.** I have placed a quick link to *Adobe Flash Player* for quick download onto his or her personal computer. Students are always welcome to use the on-campus computer lab for the Collaborate interactive weekly meetings.

Video/Article Reflection:

Students will access the Video or Article Reflection tab and review the assignment and enter a minimum 3-paragraph reflective comment regarding the assignment immediately after the collaborate class session. There will be thirteen graded video/article reflections with a potential value of 120 points for each assignment with an accumulated potential of 1560 points.

The comment must include your version of what theme or message the author is attempting to convey to his or her audience. Include any rationality, as perceived by the descriptive content; include your thoughts and emotion(s) you experienced while viewing the video, and perceptions of how the information might impact future activities. Please see the rubric below that I use to assess your skill level. You are welcome to enter a personal experience(s) recalled while viewing the video. However, please consider any confidential or sensitive information before elaborating in a public setting.

The assignments mostly consist of short video clips but may consist of an article, or a guest person presentation. You will select the topic title (Example, VR 1, etc.) for the video clip assigned for the week. The video reflection clips are located under the Video/Article Reflections submenu. After selecting the title, it is required to select the thread title. Review the video clip and enter your reflection by selecting the “Reply” feature and enter your reflection. The following rubric is provided to guide your responses.

Competency Level	Advanced (30)	Novice (20)	Student (10)	Unacceptable (0)
Competency 1 Your version of what theme or message the author is attempting to convey to his or her audience.	Student is able to identify two or more aspects of the author’s intent and the rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent and the offers rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent from his or her general perspective.	Student only restates the video or Text content.
Competency 2 Include any specifics the author(s) used to strengthen his or her point of view.	Student is able to identify two or more aspects of the author’s intent and the rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent and the rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent.	Student is unable to identify any point of views.
Competency 3. Describe your thoughts and emotion(s) you experienced while viewing the video.	Student is able to identify two or more aspects of the author’s intent and the rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent and the rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent.	Student only restates the video content.
Competency 4. Explain your perceptions of how the information might impact future activities.	Student is able to identify two or more aspects of the author’s intent and the rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent and the rationale that supports his or her reflection.	Student is able to identify one aspect of the author’s intent.	Student only restates the video content.

Quizzes:

Weekly quizzes are designed to evaluate knowledge level comprehension for each class content reviewed. Each student will complete a quiz on a weekly basis. The quizzes are intended to ensure you can grasp the content of the assigned reading. There is a total of thirteen (13) quizzes, and each quiz has a 100-point potential. Each quiz will contain different amount of questions that correspond with the chapter content, and will consist of true and false, multiple choice, fill-in the blank and short answer questions. If you do well in your quizzes, it is very probable you will do well in the final exam. You will be given the opportunity to use your quizzes to study for the final exam.

Students will be required to complete the Quiz immediately after completing the video/Article reflection, which is completed immediately after collaborate class session. This will provide me the opportunity to provide grading and feedback for potential class discussion.

Movie Reflection Paper:

The reflection paper is intended to move a student from passive learning to active learning. Active learning enhances reasoning skills that are very important to a counselor. Like your video reflection forum entries, this assignment is meant to enhance your counseling skills by grasping certain content while assessing your intrinsic processes. The paper has a potential grade value of 220-points. I have provided students with a brief video that explains reflective learning and how to write a reflective paper. This approach will motivate your learning and perceptive skills. Since counseling is considered scientific, use an APA format to write this paper and must contain at least 10 pages of content, which does not include the Title page or Reference page(s). The writing lab has many writing resources that can assist you in understanding the mechanics involved in writing a reflective paper. Students may choose to either rent or purchase the movie for required viewing.

Criteria	Superior (60 pts.)	Sufficient (40 pts.)	Minimal (20 pts.)	Unacceptable (0 pts.)
Depth of Reflection ___ points	Response demonstrates an in-depth reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are insightful and well supported. Clear, detailed examples are provided, as applicable.	Response demonstrates a general reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are supported. Appropriate examples are provided, as applicable.	Response demonstrates a minimal reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are unsupported or supported with flawed arguments. Examples, when applicable, are not provided or are irrelevant to the assignment.	Response demonstrates a lack of reflection on, or personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are missing, inappropriate, and/or unsupported. Examples, when applicable, are not provided.

Required Components ___ points	Response includes all components and meets or exceeds all requirements indicated in the instructions. Each question or part of the assignment is addressed thoroughly. All attachments and/or additional documents are included, as required.	Response includes all components and meets all requirements indicated in the instructions. Each question or part of the assignment is addressed. All attachments and/or additional documents are included, as required.	Response is missing some components and/or does not fully meet the requirements indicated in the instructions. Some questions or parts of the assignment are not addressed. Some attachments and additional documents, if required, are missing or unsuitable for the purpose of the assignment.	Response excludes essential components and/or does not address the requirements indicated in the instructions. Many parts of the assignment are addressed minimally, inadequately, and/or not at all.
Structure ___ points	Writing is clear, concise, and well organized with excellent sentence/paragraph construction. Thoughts are expressed in a coherent and logical manner. There are no more than three spelling, grammar, or syntax errors per page of writing.	Writing is mostly clear, concise, and well organized with good sentence/paragraph construction. Thoughts are expressed in a coherent and logical manner. There are no more than five spelling, grammar, or syntax errors per page of writing.	Writing is unclear and/or disorganized. Thoughts are not expressed in a logical manner. There are more than five spelling, grammar, or syntax errors per page of writing.	Writing is unclear and disorganized. Thoughts ramble and make little sense. There are numerous spelling, grammar, or syntax errors throughout the response.
Evidence and Practice ___ points	Response shows strong evidence of synthesis of ideas presented and insights gained throughout the entire course. The implications of these insights for the respondent's overall teaching practice are thoroughly detailed, as applicable.	Response shows evidence of synthesis of ideas presented and insights gained throughout the entire course. The implications of these insights for the respondent's overall teaching practice are presented, as applicable.	Response shows little evidence of synthesis of ideas presented and insights gained throughout the entire course. Few implications of these insights for the respondent's overall teaching practice are presented, as applicable.	Response shows no evidence of synthesis of ideas presented and insights gained throughout the entire course. No implications for the respondent's overall teaching practice are presented, as applicable.

Final Exam:

The final exam is a 50-question True/False, multiple-choice and fill-in the blank questions that are designed to assess comprehensive, application, analysis, synthesis and evaluative consideration of knowledge gained over the semester. The final exam primarily derives from the weekly quizzes, forum activities and collaborate content and has a 100-point potential. The exam will be posted on Blackboard on the designated date and each student will have two hours to complete the exam.

PROPOSED COURSE OUTLINE

DATE	TOPIC. ASSIGNMENT DUE AND READINGS
Week 1 – Aug. 27	<p>Introduction: Professor and Student Introduction Syllabus Review Orientation Videos</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>

<p>Week 2 - Sep. 3</p>	<p>Reading Assignment 1: Ch. 1 An Introduction to the Intertwined Nature of the Fields of Neurobiology and Counseling</p> <p>VR 1: Applying Neuroscience to Psychotherapy</p> <p>Quiz 1: Ch. 1 An Introduction to the Intertwined Nature of the Fields of Neurobiology and Counseling</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 3 – Sep. 10</p>	<p>Reading Assignment 2: Ch. 2 Overview of the Brain and Central Nervous system</p> <p>VR 2: The Neuroscience of Social Intelligence: Bill von Hippel</p> <p>Quiz 2: Ch. 2 Overview of the Brain and Central Nervous system</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 4 – Sep. 17</p>	<p>Reading Assignment 3: Ch. 3 Brain Development and Brain Plasticity</p> <p>VR 3: 1) You can grow new brain cells. Here’s how Sandrine Thuret</p> <p>Quiz 3: Ch. 3 Brain Development and Brain Plasticity</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 5 – Sep. 24</p>	<p>Reading Assignment 4: Ch. 4 The Differential Impact of Different Counseling Approaches on the Brain</p> <p>VR 4: Neuroscience of Psychotherapy Dan Siegel. Schore, Fonagy, Otto Kernberg</p> <p>Quiz 4: Ch. 4 The Differential Impact of Different Counseling Approaches on the Brain</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>

<p>Week 6 – Oct. 1</p>	<p>Reading Assignment 5: Ch. 5 Neurobiological and Neuropsychological Aspects of Mental Health</p> <p>VR 5: Brain Plasticity</p> <p>Quiz 5: Ch. 5 Neurobiological and Neuropsychological Aspects of Mental Health</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 7 – Oct. 8</p>	<p>Reading Assignment 6: Ch. 6 Psychotropic Medications</p> <p>VR 6: 1) Overview of psychoactive drugs Processing the Environment MCAT Khan Academy 2) How Do Antidepressants Work</p> <p>Quiz 6: Ch. 6 Psychotropic Medications</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 8 – Oct. 15</p>	<p>Reading Assignment 7: Assessment of Brain Function</p> <p>VR 7: The most important lesson from 83,000 brain scans Daniel Amen</p> <p>Quiz 7 Ch. 7 Assessment of Brain Function</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 9 – Oct. 22</p>	<p>Reading Assignment: Basal Ganglia Article</p> <p>VR 8: The Neuroscience of Good Decision Making</p> <p>Quiz 8: Ch. 8 Brain Activity In Action</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 10 – Oct. 29</p>	<p>Reading Assignment 9: PGTIN Ch. 13 Limbic Area</p> <p>VR 9: The Limbic System and Amygdala</p> <p>Quiz 9: PGTIN Ch. 13 Limbic Area</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
<p>Week 11 – Nov. 5</p>	<p>Reading Assignment 10: PGTIN Ch. 14 Cortex</p> <p>VR 10: 1) Oliver Sacks on the Left and Right Brain 2) Right Brain vs Left Brain</p>

	<p>Quiz 10: PGTIN Ch. 14 Cortex</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
Week 12 – Nov. 12	<p>Reading Assignment: Substance Addiction and Depression Articles</p> <p>VR 11: 1) Brain Reward Understanding How the Brain Responds to Natural Rewards and Drugs of Abuse 2) Dopaminergic Synapses</p> <p>Quiz 11: Substance Addiction and depression articles</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
Week 13 – Nov. 19	<p>Reading Assignment: Post-Traumatic Stress Disorder Articles:</p> <p>VR 12: Understanding PTSDs Effects on Brain, Body, and Emotions Janet Seahorn</p> <p>Quiz 12: Post-Traumatic Stress Disorder and Stress</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
Week 14 - Nov. 26	<p>Reading Assignment: Attention-Deficit/Hyperactivity Disorder Articles</p> <p>VR 13: 1) This is how you treat ADHD based off science, Dr Russell Barkley 2) Dr Russell Barkley on ADHD Meds and how they all work differently from each other 3) The Neurobiology of ADHD</p> <p>Quiz 13: Attention-Deficit/Hyperactivity Disorder Articles</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
Week 15 - Dec. 3	<p>Final Exam Review:</p> <p>Collaborate: Tuesday, 6:00 p.m.</p>
Week 16 – Dec. 10	<p>Final Exam: Reflection Paper due</p>