

The Science of Collaboration through Neuroscience in Rehabilitation

Course Syllabus – Spring 2023

University of Texas at El Paso

Class Information:

Code: DRSC 4311

CRN: 23909

Credits: 3

Format: Hybrid, 50-85% Online

Schedule: Monday 12:00pm to 2:50pm

Location: HSSN 206

Instructor Information:

Instructor: Felix Matos, PhD

Email: fmatos@utep.edu

Office: HSSN 419

Office Hours: By appointment

Course Description:

DRSC 4311 is a required 3-credit core course for the Rehabilitation Sciences major. The primary goal is to develop students' knowledge about the core competencies required for effective interprofessional collaboration and understanding how they facilitate effective rehabilitation. Students learn about principles of group dynamics and effective team communication, models of interdisciplinary collaborative research and clinical practice across health professions. This course facilitates students' experiential learning in community and enables students to examine how their individual values, ethics, roles, communication skills and teamwork influence effective interprofessional collaboration. Students also explore socio-cultural aspects of health care organizations, opportunities for collaborative leadership, professional issues, and strategies for conflict management within interdisciplinary teams.

UTEP EDGE:

As part of the UTEP Edge program, this course is committed to help students develop skills like: leadership, confidence, problem-solving, communication, teamwork, entrepreneurship and critical thinking. Course discussions will be encouraged in an active learning environment.

Course Goals:

At the end of this course, students will be able to:

- Discuss concepts of IPE as well as recognize core competencies for interprofessional collaboration.
- Use team characteristics to develop interprofessional team goals that meet patient/client/family and community goals.
- Recognize team dynamics and group processes enabling effective interprofessional collaboration in clinical practice and research.
- Contrast characteristics of leadership in a traditional and collaborative practice model and implement accurate model regarding team dynamics, goals, and situational factors.
- Discuss community engagement and global health in the context of rehabilitation disciplines' agenda.
- Design the interprofessional collaborative team project that addresses local community health problems and includes a partnership with external partners inequities.

Learning modules:

This course is designed using a modular format—that is, each week is “packaged” as a single module so that all the materials, are in one area for a given week. **Modules will open on Sunday and all course work will be due on Saturday 11:59pm of each week.**

Technology requirements:

Course content is delivered via the Internet through the Blackboard learning management system. Ensure your UTEP e-mail account is working and that you have access to the Web and a stable web browser. Google Chrome and Mozilla Firefox are the best browsers for Blackboard; other browsers may cause complications. When having technical difficulties, update your browser, clear your cache, or try switching to another browser.

You will need to have access to a computer and a webcam (a microphone is optional). You will need to download or update the following software: Microsoft Office, Adobe Acrobat Reader, Windows Media Player, QuickTime, and Java. Check that your computer hardware and software are up-to-date and able to access all parts of the course.

IMPORTANT: If you encounter technical difficulties beyond your scope of troubleshooting, please contact the UTEP [Help Desk](#) as they are trained specifically in assisting with technological needs of students.

LockDown Browser + Webcam Requirement:

This course requires the use of Lockdown Browser for all online quizzes. [Follow this link](#) and go to the "For Students" section for more information on how to use the Lockdown Browser.

Finally, when taking an online exam/quiz, follow these guidelines:

- Select a location where you won't be interrupted.
- Before starting the test, know how much time is available for it, and that you've allotted sufficient time to complete it.
- Turn off all mobile devices, phones, etc. and don't have them within reach.
- Clear your area of all external materials — books, papers, other computers, or devices.
- Remain at your desk or workstation for the duration of the test.
- Lockdown Browser will prevent you from accessing other websites or applications; you will be unable to exit the test until all questions are completed and submitted.

YuJa Video Management System:

For the final project, teams must create a video presentation and upload it to YuJa. If you are unfamiliar with the system, [follow this link](#) and watch the tutorials. At the end of the page, you will see instructions on how to submit a video in Blackboard Ultra. Contact helpdesk@utep.edu for any difficulties you might encounter.

Online Communications:

- Important notifications will be done through Blackboard and official UTEP emails.
- Only communications through official UTEP emails or Blackboard's messaging system will be responded.
- Zoom will be used for schedule meetings.

Grading Scale:

90 – 100 = A
80 – 89.9 = B

70 – 79.9 = C

60 – 69.9 = D

Below 60 = F

Course Evaluation:

- 20%: Weekly Quizzes
- 20%: Weekly Participation in Discussions
- 20%: Weekly Participation in Team Assignments
- 5%: Teamwork Peer Evaluation
- 10%: Essay on Collaboration in the context of Global Health
- 25%: Disease Prevention/Health Education Team Project

Point Categories:

Weekly Quizzes: To monitor acquisition of knowledge on teamwork and interprofessional collaboration, students will be asked to complete weekly quizzes which cover assigned readings from the current weekly module.

Discussions: Students will be required to participate in weekly discussion boards – both an initial post (due Wednesdays) and responses (due Saturdays) to your peers to advance critical thinking and communication skills.

Group Activities: To promote understanding of the course's material and practice teamwork skills, students will be required to participate in weekly team activities that include small team assignments (e.g. search for evidence supporting a particular opinion, arguing with other teams, analyzing data and generating conclusions, generating own examples for the concepts discussed in the current weekly module).

Essay: To broader understanding of the course's material and practice analytical skills, students will be required to submit (individually) an essay. The students will analyze and reflect on how the global health problems which reshape societies and economies may also affect the student's life, and their future career as rehabilitation professionals, clinicians.

Disease Prevention/Health Education Team Project: To deepen understanding of interprofessional collaboration in the rehabilitation as well as develop teamwork skills and practice tools that facilitate effective collaboration, students will design and present an intervention project on a self-selected by teams' members disease or health problem which is important in the community (either local, national or global). The design will include description of a health problem based on literature review and or epidemiologic data evidence, targeted population, proposed intervention activities and evidence supporting their choice and expected results, as well as reflections on their experiences on working in a team over semester.

Policies:

Attendance: Attendance in the course is determined by participation in the learning activities of the course.

Missed Assignments: Quizzes and in-class assignments cannot be made up unless you provide a valid written excuse from a doctor, in the case of an illness. The written excuse must contain contact information that can be used for verification.

Deadlines: All quizzes and assignments will be due on Saturdays at midnight (11:59 PM). No late work will be accepted if the reason is not considered excusable. Waiting until 30mins from the deadline and then having computer/internet problems will not be considered and excusable reason for submitting work late. You have a whole week to complete most assignments so use your time wisely.

Teamwork: This course is heavy on teamwork and 5% of your final grade will be given by your teammates. If there are issues happening within your team, you need to let me know as soon as they happen. I will not be able to help at the end of the semester.

COVID-19:

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org

Handbook of Operating Procedures (<https://www.utep.edu/hoop/>):

Standards of Conduct (Section 1.1): All students are expected and required to obey federal, state, and local laws, to comply with the Regents' *Rules and Regulations*, with The University of Texas System and institutional rules and regulations, with directives issued by an administrative official of the U. T. System or The University of Texas at El Paso ("University" or "Institution") in the course of his or her authorized duties, and to observe standards of conduct appropriate for an academic institution.

Academic Dishonesty (Section 1.2.3): Any student who commits an act of academic dishonesty is subject to discipline. Academic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person without giving sufficient credit, taking an examination for another person, or any act designed to give unfair advantage to a student or the attempt to commit such acts. The Office of Student Conduct & Conflict Resolution (OSCCR) will conduct an investigation, determine whether to proceed with the charges, and if so, propose the appropriate sanction. The OSCCR may proceed with the disciplinary process even if the student is subject to concurrent criminal or civil proceedings. Students will have the opportunity to appeal disciplinary action.

Class Environment: Cell phones must be silenced. Use of cell phones will result in dismissal of class for that day.

Accommodations Policy:

The University is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of University programs, services and activities with documented disabilities in order to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA) of

1990 and the Americans with Disabilities Act Amendments Act (ADAAA) of 2008. Reasonable accommodations will be made unless it is determined that doing so would cause undue hardship on the University. Students requesting an accommodation based on a disability must register with the [UTEP Center for Accommodations and Support Services](#) (CASS). Contact the Center for Accommodations and Support Services at 915-747-5148, or email them at cass@utep.edu, or apply for accommodations online via the [CASS portal](#).

Once approved by CASS, the student must schedule a meeting with me to discuss needs and accommodations.

Copyright statement for course materials:

All materials used in this course are protected by copyright law. The course materials are only for the use of students currently enrolled in this course and only for the purpose of this course. They may not be further disseminated.

Syllabus Change Policy:

This syllabus is a guide for the course and is subject to change with advance notice.