

COUN 5340.560/569
Research and Program
Evaluation SUMMER 2020
SYLLABUS

Professor: C. R. Barké, Ph.D.
Email: cbarke@uttyler.edu
Class Day/Time: ONLINE
Start Date: 5/11/2020

Office: HPR 227
Phone: 903-565-5875
Location: ONLINE
End Date: 8/8/2020

Office Hours: T 9:30-10:30 AM; R 9:30-10:30 AM; or by appointment requested by email.

Required Text: Salkind, N. (2016). *Statistics for people who (think they) hate statistics* (4th Ed.). Thousand Oaks, CA: Sage Pub.

Other online resources:

Trochim, William M. The Research Methods Knowledge Base, 2nd Edition. Internet WWW page, at URL:
<<http://www.socialresearchmethods.net/kb/>> (version current as of October 20, 2006).

Selecting Statistics Tool: <http://www.socialresearchmethods.net/selstat/ssstart.htm>

CANVAS course site: COUN 5340.560/COUN 5340.569

Course Catalog Description:

COUN 5340: Principles, models, and applications of research in counseling, including needs assessment, program evaluation, statistical analyses of data, and the critical appraisal of psychological and counseling research.

COMMUNICATION NOTE: My preferred mode of communication will be E-MAIL. I will reply to all e-mail messages as soon as possible, and always within 24 hours, except for weekends, when it may take longer. PLEASE either email THROUGH CANVAS, or with “5340” in the subject line so it will go to a folder I have set up for class emails. If it is an EMERGENCY, please also include EMERGENCY in the subject line of your email. I will not reply to emails I receive, unless emergency, between 7 pm and 9 am. For anything that would delay your submission of items for a deadline, please be assured that I will not count the lateness against you if it was a technical or other problem at my end.

Required Prerequisites: None.

Student Learning Outcomes: As a result of this course, successful students will be able to:

- Identify the theoretical underpinnings of research methods such as qualitative, quantitative, single-case designs, action research, and outcome-based research; [CACREP Standard II .G.8.b]
- Identify principles, models, and applications of needs assessment, program evaluation, and the use of findings to effect program modifications; [CACREP Standard II.G.8.d]
- Understands how to evaluate and apply relevant research findings to inform the practice of clinical mental health counseling. [CACREP Standard II.G.8.e ; CMHC Knowledge Area I.1; CMHC Skills and Practices J]
- Knows models of program evaluation for clinical mental health programs. CMHC Knowledge Area I.2
- Analyzes and uses data to increase the effectiveness of clinical mental health counseling interventions and programs. [CMHC Skills and Practices J]
- Knows evidence based treatments and basic strategies for evaluating counseling outcomes in clinical mental health counseling. [CMHC Knowledge Area I.3]
- Articulate basic principles of statistical methods used in conducting research and program evaluation, including scales of measurement, measures of central tendency, indices of variability, shapes and types of distributions, and correlations; [CACREP Standard II.G.7.c]
- Accurately choose and conduct statistical data analyses, using EXCEL statistical software, such as factorial, repeated measures and mixed ANOVA/ANCOVA, multiple regression, and nonparametric analyses, emphasizing the basic assumptions, appropriate uses, and the interpretation of each; [CACREP Standard II.G.8.c]

- Understands how to critically evaluate research relevant to the practice of clinical mental health counseling. [CMHC Knowledge Area I.1]
- Ethical and culturally relevant strategies for interpreting and reporting the results of research and/or program evaluation studies. [CACREP Standard II.G.8.f]
- Write up the results of data analyses in the form used for professional journal articles

Clinical Mental Health Counseling Student Learning Outcomes:

8.0 Research and Evaluation: Students will demonstrate an understanding of research methods, statistical analysis, needs assessment, and program evaluation, including the critical appraisal of psychological research.

COURSE PROCESS:

The course is divided into 11 LEARNING MODULES (MODULES BUTTONS ON THE CANVAS HOME PAGE). Within each module are specific resources, files, recording, tasks and homework assignments to be completed. The learning process is structured to move from conceptual topical information using lectures, powerpoints and text reading, to guided practice of statistical analyses using EXCEL, to homework opportunities to practice conducting statistical analyses, and then to Exams that include both conceptual items (multiple choice questions) and statistical analyses to be conducted (essay problem questions). All prior f2f class lectures within each Module have been recorded in ARC in Canvas and available for you to view.

The schedule of assigned topics for each class period is provided on the COURSE CALENDAR in CANVAS, along with the assigned readings from the text, and powerpoint topical presentations. As noted above, homework will consist of applications of the topics using EXCEL. There will also be answer files provided in CANVAS for each homework assignment against which to check your work. I will not be grading the HW assignments for correct/incorrect answers, you can check those yourself with the answer files. If you complete and submit the HW's you will get full credit (10 points each).

Grading: Two exams (worth 40% each) will comprise 80% of the final grade. Each exam will have two parts. Part I will be all multiple choice over text, ppt and lecture content. Part II of each exam will consist of applied problems for which you will conduct statistical analyses using EXCEL. These will be very similar to the HW assignments, which makes the HW assignments important practice opportunities. There will also be a PRACTICE version of Part II of each exam, available to take prior to the actual exam, with items that are very similar to the actual exam items. These will include answer files as well.

The homework assignments will comprise the other 20% of your final grade. All assignments MUST be turned in on time in order to receive full credit, late assignments may receive partial credit. Both exams will utilize an automated web-based proctoring program, PROCTORU. You will need a webcam and be able to take each exam in a private, quiet location.

Grading Scale: A=90% +, B=80%-89%, C=70%-79%, F= 69% or less

Course Calendar: Posted in CANVAS.

Disclaimer: This is a description of what you can expect in the course. It may be necessary to make modifications in the schedule, these will be announced in CANVAS via ANNOUNCEMENTS and EMAILS.

Technical Support

If you experience technical problems or have a technical question about this course, you can obtain assistance by emailing itsupport@patriots.uttler.edu or call 903.565.5555.

When you email IT Support, be sure to include a complete description of your question or problem including:

- The title and number of the course
- The page in question
- If you get an error message, a description and message number
- What you were doing at the time you got the error message

Plug-ins and Helper Applications

UT Tyler CANVAS courses use Java, JavaScript, browser plug-ins, helper application and cookies. It is essential that you have these elements installed and enabled in your web browser for optimal viewing of the content and functions of your CANVAS course. Always ensure that you are using the most update version for the browser you choose to access the online learning content.

- **Adobe Reader** allows you to view, save, and print Portable Document Format (PDF) files. (URL: <http://get.adobe.com/reader/>)
- **Java Runtime Environment (JRE)** allows you to use interactive tools on the web. (URL: <http://www.java.com/en/download/>)
- **Adobe Flash Player** allows you to view content created with Flash such as interactive web applications and animations. (URL: <http://get.adobe.com/flashplayer/>)
- **QuickTime** allows users to play back audio and video files. (URL: <http://www.apple.com/quicktime/download/>)
- **Windows Media Player** allows you to view, listen and download streaming video and audio. (URL: <http://windows.microsoft.com/en-US/windows/products/windows-media-player>)
- **RealPlayer** allows you to view and listen to streaming video and audio. (URL: <http://www.real.com/>)

Netiquette Guide

"Netiquette" is network etiquette, the do's and don'ts of online communication. Netiquette covers both common courtesy online and informal "rules of the road" of cyberspace. Review and familiarize yourself with the guidelines provided. (URL: <http://www.learnthenet.com/learn-about/netiquette/index.php>)

UNIVERSITY POLICIES AND ADDITIONAL INFORMATION FOR STUDENTS (5/17)

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

Students Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.uttyler.edu/wellness/rightsresponsibilities.php>

Campus Carry

We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>

UT Tyler a Tobacco-Free University

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors.

Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

Grade Replacement/Forgiveness and Census Date Policies

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Fall, the Census Date is Sept. 12.) Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date (Sept. 12th) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

State-Mandated Course Drop Policy

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

Disability/Accessibility Services

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

Student Absence due to Religious Observance

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

Student Absence for University-Sponsored Events and Activities

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic

transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Emergency Exits and Evacuation

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

Student Standards of Academic Conduct

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but 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, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

- I. "Cheating" includes, but is not limited to:
 - copying from another student's test paper;
 - using, during a test, materials not authorized by the person giving the test;
 - failure to comply with instructions given by the person administering the test;
 - possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
 - using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
 - collaborating with or seeking aid from another student during a test or other assignment without authority;
 - discussing the contents of an examination with another student who will take the examination;
 - divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
 - substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
 - paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
 - falsifying research data, laboratory reports, and/or other academic work offered for credit;
 - taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
 - misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.
- II. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit.
- III. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.
- IV. All written work that is submitted will be subject to review by plagiarism software.

UT Tyler Resources for Students

- [UT Tyler Writing Center](mailto:writingcenter@uttyler.edu) (903.565.5995), writingcenter@uttyler.edu
- [UT Tyler Tutoring Center](mailto:tutoring@uttyler.edu) (903.565.5964), tutoring@uttyler.edu
- The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- [UT Tyler Counseling Center](tel:903.566.7254) (903.566.7254)