EVANGEL
UNIVERSITY
A CHRISTIAN LEARNING-CENTERED UNIVERSITY

Graduate Counseling Program

COU 507 Research Methods, Statistics, & Program Evaluation
Fall – 3 credits

University Mission Statement:
Evangel University is a comprehensive Christian university committed to excellence in educating and equipping students to become Spirit-empowered servants of God who impact the Church and society globally.

Counseling Program Mission Statement:
The Evangel University Counseling Program trains graduate students to become professional counselors who integrate their Christian faith while providing holistic and ethical counseling services to diverse individuals and groups across the lifespan.

Bible Verse:
Be strong and take heart, all you who hope in the Lord. Psalm 31:24

Instructor Name:	**Class Time:**
Phone Number: 417.285.2815	**Location:**
Email:	**Office Hours:**
Office:	

Teaching Philosophy and Methods
Teach in a way that students will develop the desired knowledge, values, and skills through the use of course material with explanation, student interaction, projects, and assessments.

Course Catalogue Description:
This course reviews basic behavioral science research methods and statistics, then covers research methods and intermediate statistics applicable to counseling research. Topics include the philosophy of science, research ethics, research designs, basic program evaluation strategies, and data analysis techniques.

Course Purpose:
This course exists to increase knowledge, values and skills contained in the following learning outcomes:
1. The importance of research in advancing the counseling profession (CACREP2.F.8.a)
2. Research methods such as qualitative, quantitative, single-case designs, action research, outcome-based research, and mixed methods (CACREP-2.F.8.f)
3. Statistical methods used in conducting research and program evaluation (CACREP2.G.8.c)
4. Principles, models, and applications of needs assessment, program evaluation, and the use of

findings for program improvement (CACREP-2.F.8.d, g and 5.G.3.b)
5. The use of research to inform evidence-based practice (CACREP-2.F.8.g)
6. Ethical and culturally relevant strategies for interpreting and reporting the results of research and/or program evaluation studies (CACREP-2.F.8.c)
7. Demonstrate skills in data analysis and writing reports from research projects. (CACREP2.F.7.i)
8. Awareness of attitudes, beliefs, and understanding of culturally diverse clients (CACREP-2.F.2.j)
9. Integration of faith issues with counseling research and research ethics.

Required Text(s):

Erford, B. T. (2015). Research and Evaluation in Counseling, 2nd Ed., Stamford, CT: Cengage.

Recommended Text(s):

None

Course Objectives:

CACREP 2016 STANDARD	OBJECTIVE	LEARNING EXPERIENCE	ASSESSMENT
2.F.7.g	Statistical concepts, including scales of measurement, measures of central tendency, indices of variability, shapes and types of distributions, and correlations.	Week 8, 9	Statistical Analysis Project 1
2.F.8.a	Explain the importance of research in advancing the counseling profession.	Discussion Forum	Assessment 1
2.F.8.b	Demonstrate competence in identifying evidence-based practice.	Week 1, 2 Class Activities	Annotated Bibliography, Mini-Lit Review, Research Proposal
2.F.8.c	Understand the rationale and process of conducting needs assessments.	Week 7 Class Activities	Assessment 1 – Item on the importance of research to counseling
2.F.8.d	Understand the rationale and process of developing outcome measures for counseling programs.	Week 2, Week 7	Assessment 2
2.F.8.e	Apply principles, models, and applications of evaluation of interventions and program	Week 7 Class Activities	Client Satisfaction Survey, Assessment 2
2.F.8.f	Apply research methods such as qualitative, quantitative, and	Weeks 3 – 7 Class Activities	Assessment 1, 2

	mixed methods research.		
2.F.8.g	Understand the designs used in research and program evaluation.	Weeks 8 – 14 Class Activities	Assessment 2
2.F.8.h	Understand and demonstrate competency in identifying statistical methods for conducting research and program evaluations.	Week 8 and 13 Class Activities	Data Analysis Report, Research Proposal Methods Section
2.F.8.i	Demonstrate skills in data analysis and writing reports from research projects.		
2.F.8.j	Awareness of attitudes, beliefs, and understanding of culturally diverse clients		

Grading Scale:

A	93 -100%	B-	80 – 82%
A-	90 – 92%	C+	77 – 79%
B+	87 - 89%	C	73 - 76%
B	83 – 86%	F	Less than 73%

Course Assignments:		
Tasks	**Points**	**% of Grade**
Projects	110	18.3%
Research Proposal Building Blocks	210	35.0%
Research Proposal Final Product	100	16.7%
Assessment 1	90	15.0%
Assessment 2	90	15.0%
TOTAL POINTS	**600**	**100.0%**

Tentative Course Schedule:

Week	Lecture/ Activity	Readings	Assignments Due Date	CACREP Standard
1	The Nature of Research and the Research Report	Chapt. 1 & 2	Week 1	2.F.8.a
2	Identifying Research Topics including Outcome Research	Chapt. 3 & 4	Week 2	2.F.8.b
3	Qualitative Research	Chapt. 5 & 6	Week 3	2.F.8.f, 2.F.8.a
4	Quantitative Research Designs and Validity	Chapt. 7	Week 4	2.F.8.f, 2.F.8.a

	Issues particularly in a Diverse Society Assessment 1			
5	Single-Subject Research Designs	Chapt. 8	Week 5	2.F.8.f, 2.F.8.d
6	Needs Assessment and Program Evaluation	Chapt. 9 & 10	Week 6	2.F.8.c, d
7	Data Collection and Descriptive Statistics	Chapt. 11, 12, & 13	Week 7	2.F.7.g
	Hypothesis Testing and Intro. to SPSS	Chapt. 14 & 15	Week 7	2.F.7.g
8	Assessment 2		Week 8	2.F.8.e
9	Statistical Analyses Comparing Groups	Chapt. 16	Week 9	2.F.8.a
10	Statistical Analyses Identifying Relationships	Chapt. 17	Week 10	2.F.7.g
11	Data Transformation and Non-Parametric Tests	Chapt. 18	Week 11	2.F.7.g
12	Project Discussion		Week 12	2.F.8.h
13	Thanksgiving		Week 13	
14	Multi-variate Statistical Analyses	Chapt. 19	Week 14	2.F.8.b
15	Project Presentations		Week 15	2.F.8.b

EU ACADEMIC AND PROGRAM POLICIES

Academic Integrity Policy

Students are expected to maintain high levels of academic honesty as people of Christ. By virtue of your integrity, you signify that all work submitted is your original work completed by you. Submitting someone else' work as your own (without proper citations, identifying particular research) is dishonest and is not congruent with a Christian life. Furthermore, the use of published study guides, solution manuals, or test banks not offered by the text's publisher will be deemed cheating. If you have questions as to the legitimacy of a study resource, consult your course professor. The program faculty and coordinator will handle incidents of academic dishonesty (plagiarism and cheating). If warranted, offenses will be reported to Academic Affairs Division and Student Development Division. Consequences may include but not limited to grade adjustment, academic probation, withdrawal of candidacy, or dismissal. Please see Graduate catalog:
http://web.evangel.edu/apps/mastercatalog/view/view.asp?CatalogID=2&Section=36

Attendance Policy

Students are asked to participate in class, volunteer for demonstrations, and come to class fully prepared. As this course only meets once a week, attendance at all sessions is critical. In order to maintain in good standing, a student must attend 75% of the scheduled class time. Students missing more than 3 classes will be dropped from the class. Partial attendance (coming late or leaving early) will be factored into attendance. Students who miss class because of illness, participation in authorized co-curricular activities, or for other unavoidable reasons will be given the opportunity to complete missed assignments or the equivalent. Students who miss class for other reasons may only make up work at the discretion of the individual instructor as stated in the course syllabus

Students with Disabilities:
If you anticipate the need for reasonable accommodations to meet the requirements of this course, you must set up academic accommodations through Academic Support in the Center for Student Success. Contact Stephen Houseknecht, Director of Academic Support, 1111 N. Glenstone Ave, Springfield, MO, 65802, (417) 865-2815 ext. 8271 or email: houseknechts@evangel.edu. Students are required to provide documentation of disability to Academic Support prior to receiving accommodations.

Note: If you have a disability, *it is your obligation to notify me* before the end of the first week of classes. If I do not hear from you, I assume you do not need any special consideration. See the following for more information: http://web.evangel.edu/community/?p=ASC&i=1437&t=.

Use of Electronic Devices in Class
The use of electronic devices in the classroom is intended to enhance the learning experience for you and your classmates. Any use of technology that substantially degrades the learning environment, distracts you and/or your classmates, promotes dishonesty or illegal activities is prohibited. Be sensitive to this temptation to mentally leave the class while using your device. It is recommended that mobile phones be silenced during class.

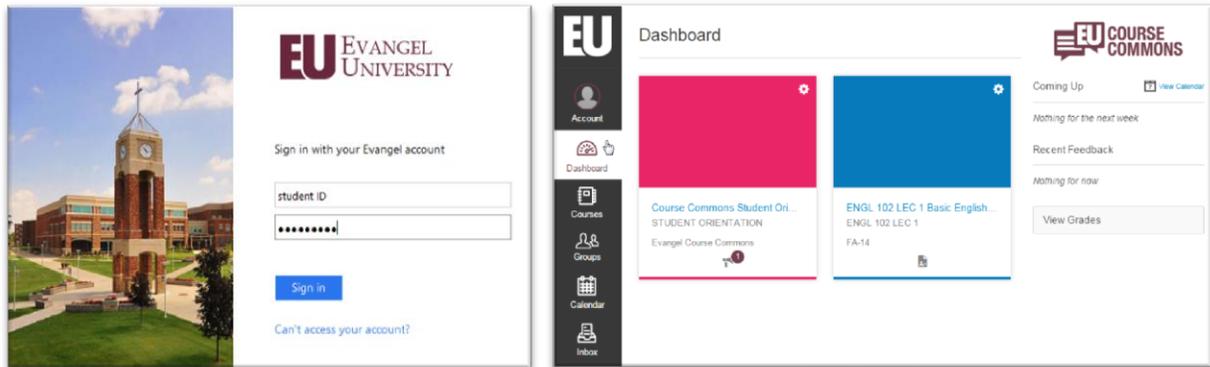**Statement Regarding Risks and Benefits of Counselor Education**
Pursuing a graduate education in counseling can facilitate meaningful professional and personal growth opportunities via insight and increased awareness. Nevertheless, material covered in any counseling course, various experiential exercises, assignments, and/or field based experiences, may facilitate intense, negative, and even emotionally overwhelming responses. Consequently, such responses may inhibit the student's functioning, academic performance, and fit for field work. Students are encouraged to be candid about the impact of such experiences and address any concerns about present functioning with their instructor. If an instructor or staff member (in conjunction with the Program Coordinator) observes evidence of problematic functioning, he/she will bring it the student's attention. Students may be advised in one or more of the following directions:

1. Enter personal counseling while remaining in the program and report back to their Academic Advisor or Program Coordinator.
2. Take a leave of absence from the program, with conditions specified by the program.
3. Follow a remediation plan that may include additional coursework or supervisory experiences.
4. Withdraw from the program.

The intent of the above directives is to help students address and resolve psychological material that may impact their future work as mental health care providers. Final determinations for continued progression through the clinical mental health program will be at the sole discretion of the program personnel and will be made with the utmost care and student's best interest in mind.
Students have the right to appeal any decision under the Student Handbook procedures.
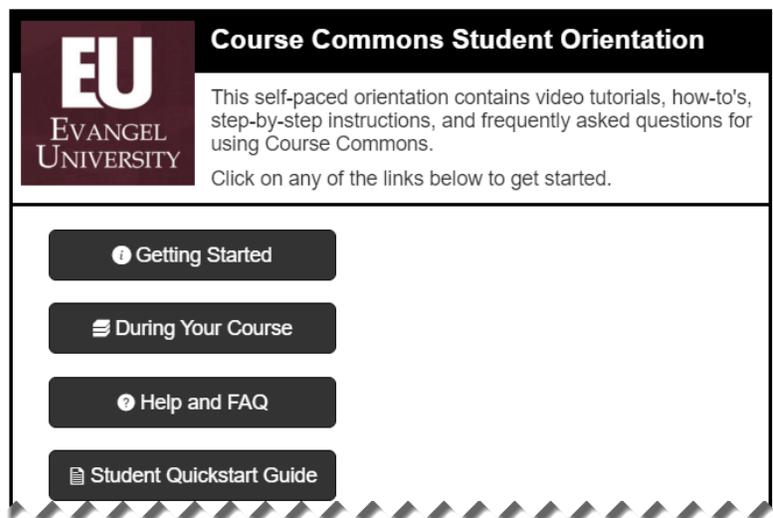
Course Commons

This course will use Course Commons, Evangel's learning management system. There are links to Course Commons in the Student Portal and the Evangel website. The login page for Course Commons is https://courses.evangel.com/.

Use your Evangel username and password to login.

Course Commons Student Orientation

All Evangel students have access to the Course Commons Student Orientation. If you are new to Course Commons, you are encouraged to take advantage of this excellent resource. As part of your course preparation, this will help you make the most of the features that are available to you as a student.

Accessing the Course in Course Commons

Access your courses list by clicking on the Courses icon on the Global Navigation menu on the left of the screen. You can also click on the course card on the Dashboard.
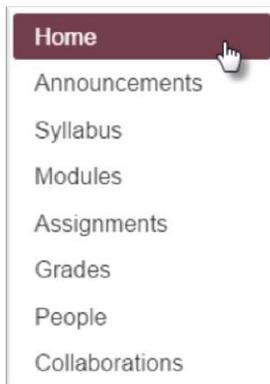
To customize your Courses list, see the following Help Guide: How do I customize my Courses list?

Students will have access to this course in Course Commons seven (7) days before the official beginning of the semester. Students have until seven (7) days after the semester begins to complete

financial registration. If financial registration is not completed by the seventh day, course access will be revoked. After the end of the semester, students will have read-only access to the course through Course Commons. Only access to already submitted work, course resources and grades will be available.

Accessing Course Content in Course Commons

The professor controls the availability of course content and features. Some items may be unavailable until a date set by the professor.
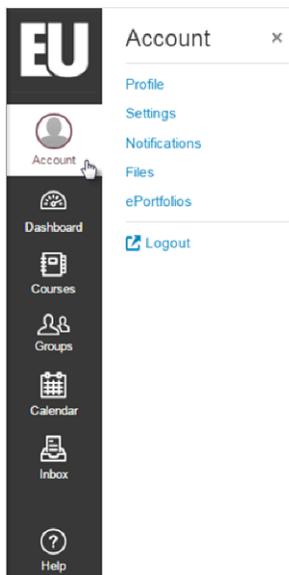
You can navigate the course content and features using the Course Navigation menu on the left. This menu can be customized by the professor, so it may differ from course to course, depending on what features the professor has chosen to make available.

You can collapse the Course Navigation menu to focus on the page content. Click on the menu icon in the upper left (which looks like 3 lines). You can expand the menu by clicking on the menu icon again.

All course content (syllabus, modules, course materials, assignments, online quizzes, online discussions, grades, etc.) can be accessed using the links in the Course Navigation menu.

Personal Settings in Course Commons

Students can adjust their personal settings in Course Commons. Click on the Account icon to access the Account menu.

On the **Profile** page, you can add a profile picture to your account. You can also edit your display name, which will show to your instructor and peers throughout Course Commons.

The **Settings** link allows you to add additional contact methods (personal email or cell phone number for text message alerts) to your account. You can also add external services, like Twitter, Skype or Google Drive.

The **Notifications** link allows you to customize *what* notifications you receive from Course Commons and *how* and *when* you receive them. This is a student-centered feature that allows you to optimize your notifications to help you stay connected to what is happening in all your courses.

For more information, see the following pages in the Course Commons Student Orientation: How to Update your Profile and Settings and How to Update Your Notifications Preferences.

Accessing Grades in Course Commons

All course grades will be recorded and shown through Course Commons. Simply click the "Grades" button on the lower right of the Dashboard to access your grades for all courses. You can also use the Grades link in the Course Navigation to access your grades for this course.

For more information on how to check your grades and what you can do from the Grades page, see the following page from the Course Commons Student Orientation: How to Check My Grades.

How to Get Help with Course Commons

Help is never more than a few clicks away! You can access the Help menu from any page in Course Commons.

Click on the Help icon in the lower left corner of the screen. Because the Course Commons is powered by the Canvas Learning Management System, all help guides and helpdesk tickets will reference Canvas.

From the Help menu, you can send a message to your instructor, search the Canvas Help Guides, or report a problem.

You can browse and search the Help Guides using the following link:
https://community.canvaslms.com/community/answers/guides/.

Help	×
Ask Your Instructor a Question *Questions are submitted to your instructor*	
Search the Canvas Guides *Find answers to common questions*	
Report a Problem *If Canvas misbehaves, tell us about it*	
Ask the Community *Get help from a Canvas expert*	
Submit a Feature Idea *Have an idea to improve Canvas?*	

Course Commons Troubleshooting

Do you have a question about a quiz, an assignment, or another item in the course? Contact your professor.

Are you having technical problems with Course Commons? Click the Help icon, click "Report a Problem" and complete the form to file a ticket for a personal response from the support team. Please be sure to include a thorough description of the problem.

Are you having trouble with your Evangel account (username and password)? Contact the IT Helpdesk at 417-865-2815 ext. 8368 (phone), helpdesk@evangel.edu (email), or help.evangel.edu.