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F.8.f. qualitative, quantitative, and mixed research methods  
F.8.h statistical methods used in conducting research and program evaluation

**GOAL B:**

Understand the role of research and the importance of evidence-based practice in the advancement of the counseling profession including: i) how to critically evaluate research relevant to the practice of clinical mental health counseling and ii) how to select evidence-based treatments and basic strategies for evaluating counseling outcomes in clinical mental health counseling. (CACREP STANDARDS F.8.a, F.8.b, F.8.e, F.8.i, F.8.j; CLINICAL MENTAL HEALTH COUNSELING STANDARDS C.2.j, C.2.1)

**Knowledge Learning Outcomes:** The student will:

**B-1 Be knowledgeable about the role of research and how to select models of evidence-based practice and strategies for evaluating mental health counseling outcomes.** (F.8.a, F.8.b, F.8.e, F.8.i, F.8.j)

F.8.a-the importance of research in advancing the counseling profession, including how to critique research to inform counseling practice  
F.8.b. identification of evidence-based counseling practices  
F.8.e. evaluation of counseling interventions and programs  
F.8.i analysis and use of data in counseling  
F.8.j. ethical and culturally relevant strategies for conducting, interpreting, and reporting the results of research and/or program evaluation

**B-2 Be able to describe the importance of evidence-based practice and its impact on and integration with the practice of counseling.** (F.8.a, F.8.b, C.2.j, C.2.1)

F.8.a-the importance of research in advancing the counseling profession, including how to critique research to inform counseling practice  
F.8.b-identification of evidence-based counseling practices  
C.2.j. cultural factors relevant to clinical mental health counseling  
C.2.1. legal and ethical considerations specific to clinical mental health counseling

**B-3 Be able to critically evaluate research relevant to the practice of clinical mental health counseling.** (F.8.a, F.8.b, F.8.e, F.8.i)

F.8.a. the importance of research in advancing the counseling profession, including how to critique research to inform counseling practice

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**GOAL C:**

Understand research methods including quantitative and qualitative research designs and how these designs can be used to implement program modifications and knows models of program evaluation for clinical mental health programs. (CACREP STANDARDS F.8.d, F.8.e, F.8.f, F.8.g, F.8.h, F.8.i, F.8.j)

**Knowledge Learning Outcomes:** The student will:

**C-1 Be knowledgeable about quantitative and qualitative research designs.**  
(F.8.f, F.8.g)

F.8.f-qualitative, quantitative, and mixed research methods  
F.8.g. designs used in research and program evaluation

**C-2 Understands how to select and apply appropriate evaluation models and research designs to modify programs.** (F.8.d, F.8.e, F.8.f, F.8.g, F.8.h, F.8.i, F.8.j)

F.8.d-development of outcome measures for counseling programs  
F.8.e-evaluation of counseling interventions and programs  
F.8.f. qualitative, quantitative, and mixed research methods  
F.8.g. designs used in research and program evaluation  
F.8.h. statistical methods used in conducting research and program evaluation  
F.8.i. analysis and use of data in counseling  
F.8.j. ethical and culturally relevant strategies for conducting, interpreting, and reporting the results of research and/or program evaluation

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- F.8.a. the importance of research in advancing the counseling profession, including how to critique research to inform counseling practice
  - F.8.g. designs used in research and program evaluation
  - F.8.h. statistical methods used in conducting research and program evaluation
  - F.8.i. analysis and use of data in counseling
  - F.8.j. ethical and culturally relevant strategies for conducting, interpreting, and reporting the results of research and/or program evaluation