

Eastern Illinois University
New/Revised Course Proposal Format
 (Approved by CAA on 4/3/14 and CGS on 4/15/14, Effective Fall 2014)

Banner/Catalog Information (Coversheet)

1. ☒ **New Course** or ☐ **Revision of Existing Course**
2. **Course prefix and number:** KSS 5106
3. **Short title:** AT EB Research Methods I
4. **Long title:** Athletic Training Evidence Based Research Methodology I
5. **Hours per week:** 3 Class 0 Lab 3 Credit
6. **Terms:** ☐ Fall ☐ Spring ☒ Summer ☐ On demand
7. **Initial term:** ☐ Fall ☐ Spring ☒ Summer Year: 2019
8. **Catalog course description:** An introduction to evidence based practice research techniques and methodology for the athletic training profession.
9. **Course attributes:**

General education component: ☐ Not applicable

☐ Cultural diversity ☐ Honors ☐ Writing centered ☐ Writing intensive
☐ Writing active

10. Instructional delivery

Type of Course:

☒ Lecture ☐ Lab ☐ Lecture/lab combined ☐ Independent study/research
☐ Internship ☐ Performance ☐ Practicum/clinical ☐ Other, specify:

Mode(s) of Delivery:

☐ Face to Face ☒ Online ☐ Study Abroad
☐ Hybrid, specify approximate amount of on-line and face-to-face instruction

11. ☐ Course(s) to be deleted from the catalog once this course is approved.
☐ none

12. Equivalent course(s):

☐ none

a. Are students allowed to take equivalent course(s) for credit? ☐ Yes ☒ No

13. Prerequisite(s): _Admittance into the Athletic Training professional master's degree program _____

a. Can prerequisite be taken concurrently? ___ Yes ___X_ No

b. Minimum grade required for the prerequisite course(s)? _N/A_

c. Use Banner coding to enforce prerequisite course(s)? _X_ Yes ___ No

d. Who may waive prerequisite(s)?

___X_ No one ___ Chair ___ Instructor ___ Advisor ___ Other (specify)

14. Co-requisite(s): ___none_____

15. Enrollment restrictions

a. Degrees, colleges, majors, levels, classes which may take the course: _Restricted to students actively admitted into the Master's Degree in Athletic Training Program_____

b. Degrees, colleges, majors, levels, classes which may not take the course: _Any Non-Athletic Training master's degree student_____

16. Repeat status: _X_ May not be repeated ___ May be repeated once with credit

17. Enter the limit, if any, on hours which may be applied to a major or minor: ___

18. Grading methods: _X_ Standard ___ CR/NC ___ Audit ___ ABC/NC

19. Special grading provisions:

___ Grade for course will not count in a student's grade point average.

___ Grade for course will not count in hours toward graduation.

___ Grade for course will be removed from GPA if student already has credit for or is registered in: _____

___ Credit hours for course will be removed from student's hours toward graduation if student already has credit for or is registered in: _____

20. Additional costs to students:

Supplemental Materials or Software ___N/A_____

Course Fee _X_ No ___ Yes, Explain if yes_____

21. Community college transfer:

___ A community college course may be judged equivalent.

___X_ A community college may not be judged equivalent.

Note: Upper division credit (3000+) will not be granted for a community college course, even if the content is judged to be equivalent.

Rationale, Justifications, and Assurances (Part I)

1. X Course is required for the major(s) of: Master's Degree in Athletic Training _____
_____ Course is required for the minor(s) of _____
_____ Course is required for the certificate program(s) of _____
_____ Course is used as an elective

2. **Rationale for proposal:** Students admitted into the Athletic Training master's degree program are required to utilize evidence based research throughout their curriculum. This introductory course will provide students the foundational groundwork necessary for utilization of EBP as the students matriculate through the athletic training program.

3. **Justifications for (answer N/A if not applicable)**

Similarity to other courses: N/A

Prerequisites: Admittance into the Athletic Training professional master's degree program due to a secondary admissions process

Co-requisites: none

Enrollment restrictions: Restricted to students actively admitted into the Master's Degree in Athletic Training Program due to a secondary admissions process

Writing active, intensive, centered: N/A

4. **General education assurances (answer N/A if not applicable)**

General education component: N/A

Curriculum: N/A

Instruction: N/A

Assessment: N/A

5. **Online/Hybrid delivery justification & assurances (answer N/A if not applicable)**

Online or hybrid delivery justification: Offering KSS 5106 as an online course will provide more flexibility in the scheduling of courses and clinical field experiences for the students. All students admitted into the Athletic Training master's degree program will take this course online and will be beneficial to students who are commuting to EIU's main campus.

Instruction: The online component of the course will include a combination of synchronous and asynchronous learning activities included but not limited to: video lectures, posted

readings, drop box assignments and threaded discussions All instructors who teach this course online will have completed EIU OCDi training or equivalent.

Integrity: Written assignments will be subjected to originality checking software (e.g. Turnitin) and students will need to log into an online course management system (e.g. D2L) using network passwords to access course materials, assignments, quizzes and exams. Online quizzes and tests will include randomized questions, time limits for quizzes and exams as well as utilizing a “lock down” browser that restricts simultaneous web browsing (e.g. Respondus).

Interaction: The faculty member and students will communicate through email, discussion boards and chat functions associated with the online course management system utilized (e.g. D2L).

Model Syllabus (Part II)

Please include the following information:

1. Course number and title: KSS 5106 – Athletic Training Evidence Based Research Methodology I
2. Catalog description: An introduction to evidence based practice research techniques and methodology for the athletic training profession
3. Learning objectives:

LEARNING OBJECTIVE	GRADUATE LEARNING GOAL
1. Examine the role of evidence based research in athletic training	1,2
2. Critically compare and contrast common research methodologies	1,2
3. Analyze selection and implementation of patient care treatment strategies	1,2
4. Conduct an effective EBP literature review	1,2,3,4
5. Construct an EBP research outline	1,2,3,4
6. Differentiate various critical appraisal methods for evidence based literature	1,2
7. Analyze ethical dilemmas in evidence based research	1,2

4. Course materials:

Raab, S., Craig, D. *Evidence-Based Practice in Athletic Training*. Human Kinetics, 2016.

5. Weekly outline of content.

Online: Each week will be constructed on the assumption of a minimum of 150 minutes for synchronous and asynchronous online interaction through learning activities (threaded discussions, online assessments, etc) in addition to 300 minutes of reading, review, research and preparation on the part of the student.

WEEK	CONTENT	OBJECTIVE
Week 1	Purpose of evidence based practice in clinical athletic training	1
Week 2	Levels of evidence	1
Week 3	Steps in EBP research	5
Week 4	Research evaluation (e.g. reliability, validity)	4
Week 5	Diagnostic research	6
Week 6	Prognostic research	6
Week 7	Systematic research reviews	6
Week 8	Meta-analysis	6
Week 9	Comprehensive midterm exam	1,4,5,6
Week 10	EBP in daily clinical practice	1
Week 11	Reviewing outcome measures	3
Week 12	Quantitative research	2
Week 13	Qualitative research	2
Week 14	Research ethics	7
Week 15	Trustworthiness and conflicts	7
Week 16	Comprehensive final exam	1-7

6. Assignments and evaluation, including weights for final course grade.

Assignments (including but not limited to): (20%)

Threaded discussions

Interactive reading assignments

Research: (20%)

EBP literature review

EBP research outline

Assessments: (60%)

Weekly quizzes

Comprehensive midterm exam

Comprehensive final exam

7. Grading scale.

A = 90-100% of total points

B = 80-89% of total points

C = 70-79% of total points

D = 60-69% of total points

F < 60% of total points

8. Correlation of learning objectives to assignments and evaluation.

OBJECTIVE	ASSIGNMENTS (20%)	RESEARCH (20%)	ASSESSMENTS (60%)
1	X		X
2	X		X
3	X		X
4	X	X	X
5	X	X	X
6	X		X
7	X		X

Date approved by the department or school: September 22, 2017

Date approved by the college curriculum committee:

Date approved by the Honors Council (*if this is an honors course*):

Date approved by CAA: **CGS:**