Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should <u>not</u> be used to purchase course materials.

COURSE SYLLABUS

BUSI 418
RESEARCH AND EVIDENCE BASED PRACTICE IN HEALTHCARE

COURSE DESCRIPTION

Explores the practice of evidence-based management relative to healthcare decision-making and support. Topics explored include, but not limited to, evolution of evidence based healthcare; locating and evaluating evidence; developing the capacity of healthcare managers to utilize evidence in decision-making, and evidence based healthcare in the 21st century.

RATIONALE

Evidence-based management is based on decision-making and organizational practices that are formed based on analyzing data. The actual practice of evidence-based decision-making originated from medicine and focused decision making on an empirical approach to address issues. It is grounded in scientific methodology that utilizes data collection and analysis to advance knowledge.

I.   **PREREQUISITE**

    For information regarding prerequisites for this course, please refer to the Academic Course Catalog.

II.   **REQUIRED RESOURCE PURCHASE**

    Click on the following link to view the required resource(s) for the term in which you are registered: http://bookstore.mbsdirect.net/liberty.htm

III. **ADDITIONAL MATERIALS FOR LEARNING**

    A.   Computer with basic audio/video output equipment

    B.   Internet access (broadband recommended)

    C.   Microsoft Excel and Word

    D.   American Psychological Association (APA) writing style resources: http://ezproxy.liberty.edu/login?url=http://APAStyleCENTRAL.apa.org or http://apastylecentral.apa.org.ezproxy.liberty.edu/

IV.   **MEASURABLE LEARNING OUTCOMES**

Upon successful completion of this course, the student will be able to:

A.   Integrate a biblical worldview within the context of research and evidence-based practice.

B.   Evaluate appropriate and credible sources of information relative to evidence-based decision making.

C.   Synthesize evidence to improve organization or patient outcomes considering other members of the healthcare team.

D.   Explain the interrelationship among theory, practice, and research demonstrating an understanding of the basic elements of the research process, based upon knowledge of current literature and industry best practices.

V.   **COURSE REQUIREMENTS AND ASSIGNMENTS**

A.   Textbook readings and lecture presentations

B.   Course Requirements Checklist

After reading the Course Syllabus and Student Expectations, the student will complete the related checklist found in Module/Week 1.

C.   Discussion Board Forums (8)

Discussion boards are collaborative learning experiences. Therefore, the student is required to create a thread in response to the provided prompt for each forum. Each thread must be 300–500 words and demonstrate course-related knowledge. In addition to the thread, the student is required to reply to 2 other classmates' threads. Each reply must be 150–350 words. The student must include 2 peer-reviewed sources, the textbook, and 1 biblical integration for the thread and for each reply.

D.   Literature Review Matrix

The student will create a Literature Review Matrix based on 2 quantitative and 2 qualitative research articles using the provided template.

E.   NIH Protecting Human Research Participants Training

The student will complete an online training session and submit evidence of completion in Blackboard.

F.   Levels of Evidence
The student will use the research from the Literature Review Matrix to identify and provide the levels of evidence in the articles chosen. The student must also include a summary description of the levels chosen using the provided template.

G.   Midterm and Final Exams (2)

Each exam will cover the Reading & Study material for all modules/weeks up to the assigned module/week. Each exam will be open-book/open-notes, contain a total of 10 multiple-choice, true/false, and essay questions, and have a 1-hour and 30-minute time limit.

VI. **COURSE GRADING AND POLICIES**

A. Points

Course Requirements Checklist	10
Discussion Board Forums (8 at 50 pts ea)	400
Literature Review Matrix	200
NIH Protecting Human Research Participants Training	100
Levels of Evidence	100
Midterm and Final Exams (2 at 100 pts ea)	200
Total	**1010**

B. Scale

A = 900–1010   B = 800–899   C = 700–799   D = 600–699   F = 0–599

C. Quizzes/Tests/Exams

For timed quizzes/tests/exams, the student is required to complete the quiz/test/exam within the assigned time. For the student who exceeds this time limit, a penalty of 1 point will be deducted for each minute, or part thereof, he/she exceeds the assigned time limit.

D. Disability Assistance

Students with a documented disability may contact Liberty University Online's Office of Disability Academic Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.

COURSE SCHEDULE

BUSI 418

Hall, H. R., & Roussel, L. A. (Eds.). (2017). *Evidence-based practice: An integrative approach to research, administration, and practice* (2nd ed.). Burlington, MA: Jones & Bartlett.

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Hall & Roussel: chs. 1–2 1 presentation 1 website	Course Requirements Checklist Class Introductions DB Forum 1 DB Forum 2	10 0 50 50
2	Hall & Roussel: chs. 3–4 1 presentation 1 website	DB Forum 3 Literature Review Matrix	50 200
3	Hall & Roussel: chs. 5–6 1 presentation 1 website	DB Forum 4 NIH Protecting Human Research Participants Training	50 100
4	Hall & Roussel: chs. 7–8 1 presentation 1 website	DB Forum 5 Midterm Exam (Chs. 1 – 8)	50 100
5	Hall & Roussel: chs. 10–11 1 presentation 1 website	DB Forum 6	50
6	Hall & Roussel: chs. 12–13 1 presentation 1 website	DB Forum 7 Levels of Evidence	50 100
7	Hall & Roussel: chs. 14–15 1 presentation 1 website	DB Forum 8	50
8	Hall & Roussel: ch. 17 1 presentation	Final Exam (Chs. 10 – 15 & 17)	100
		TOTAL	**1010**

DB = Discussion Board

NOTE: Each course module/week (except Module/Week 1) begins on Tuesday morning at 12:00 a.m. (ET) and ends on Monday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.