

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 not be used to purchase course materials.

COURSE SYLLABUS

CSIS 405

BUSINESS AND ECONOMIC FORECASTING

COURSE DESCRIPTION

Factors producing and study of cyclic movements, analysis of their causes and methods of forecasting as well as study of seasonal, erratic and other movements. (Formerly BMIS 405)

(Crosslisted with BUSI 405)

RATIONALE

Understanding and being able to forecast relevant business and economic variables are vital for decision makers in companies or governments. This course provides the most useful quantitative techniques in business and economic forecasting. Excel-Based ForecastX computer software is used.

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 Office

IV. MEASURABLE LEARNING OUTCOMES

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

- A. Integrate biblical principles within the field of economic and business forecasting. (PLO 1 introduced)
- B. Collect relevant data, discover data patterns, and select the best forecasting technique. (PLO 2 emphasized)
- C. Apply time series forecasting techniques. (PLO 2 emphasized)

- D. Apply causal forecasting techniques. (PLO 2 emphasized)
- E. Use Excel-based ForecastX in data analysis, forecasting, and decision making. (PLO 3 emphasized)

V. COURSE REQUIREMENTS AND ASSIGNMENTS

- A. Textbook readings and 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 (7)

After reviewing the assigned textbook readings, presentations, and websites, the student will post at least 2 points that he/she has learned from them and at least 1 question that he/she may have. The student should respond to at least 2 of his/her classmates' initial posts. The initial thread should be 150 words in length and is due by 11:59 p.m. (ET) on Thursday of the assigned module/week. Both replies should each be 50 words in length and are due by 11:59 p.m. (ET) on Monday of the assigned module/week.

- D. Group Discussion Board Forums (7)

The student is required to participate in 7 Group Discussion Board Forums throughout this course. The purpose of the Group Discussion Board Forums is to generate interaction among students regarding the assigned questions from the Weekly Exercises in Modules/Weeks 1–7. The instructor will assign each student to a Group Discussion Board, and the student is required to discuss his/her responses for credit before submitting them via the Weekly Exercises link by 11:59 p.m. (ET) on Monday of the assigned module/week.

- E. Weekly Exercises (7)

For each assigned module/week, the student will complete specific questions found in the Exercises section at the end of the assigned chapter of the Wilson and Keating text. After answering the identified questions, the student will discuss his/her findings in an assigned Group Discussion Board for credit before submitting his/her answers in Excel via the Weekly Exercises assignment link by 11:59 p.m. (ET) on Monday of Modules/Weeks 1–7.

- F. Research Paper

The student will create a Research Paper that will forecast a business or economic variable chosen by the instructor using ForecastX and forecasting techniques covered in this course. A sample paper will be provided. The Research Paper is to be 8–10 pages in length and follow specific APA guidelines. The student should also include a reference page citing 2–3 scholarly citations not including the textbook. The paper should include a title page and 1-page abstract. This

assignment is due by 11:59 p.m. (ET) on Friday of Module/Week 8.

G. Exams (4)

The student will complete 4 exams based on the textbook readings. Each exam will consist of 25-multiple-choice questions and have a 2-hour time limit. Each exam must be completed by 11:59 p.m. (ET) on Monday of the assigned module/week.

VI. COURSE GRADING AND POLICIES

A. Points

Course Requirement Checklist		10
Discussion Board Forums (7 at 20 pts ea)		140
Group Discussion Board Forums (7 at 20 pts ea)		140
Weekly Exercises (6 at 30 pts ea; 1 at 40 pts)		220
Research Paper		200
Exam 1	Modules/Weeks 1–2	75
Exam 2	Module/Week 3	75
Exam 3	Modules/Weeks 4–5	75
Exam 4	Modules/Weeks 6–7	75
Total		1010

B. Scale

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

C. 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

CSIS 405

Textbook: Davis & LaCour, *Health Information Technology* (2017).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Davis & LaCour: chs. 1–2 1 presentation	Course Requirements Checklist Class Introductions DB Forum 1	10 0 25
2	Davis & LaCour: chs. 3–5 1 presentation	Identification of Coding Standards Paper Quiz 1	100 75
3	Davis & LaCour: chs. 4, 8 1 presentation	DB Forum 2 Data Analyzing Assignment	25 100
4	Davis & LaCour: ch. 9 1 presentation	Journal Article Review	100
5	Davis & LaCour: chs. 6–7 1 presentation	Ethical Decisions in Medical Records Paper Quiz 2	100 75
6	Davis & LaCour: ch. 11 1 presentation	DB Forum 3 Data Dictionary Assignment	25 150
7	Davis & LaCour: ch. 12 1 presentation	Current Events EMR Paper	100
8	Davis & LaCour: chs.13–14 1 presentation	DB Forum 4 Final Exam	25 100
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**.